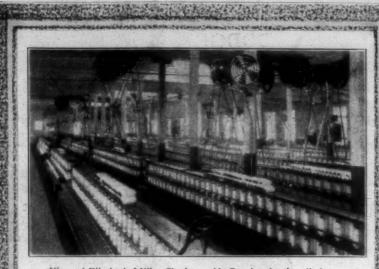
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TEXTILE BULLETIN

VOL. XXIV.

CHARLOTTE, N. C., THURSDAY, NOVEMBER 2, 1922.

NUMBER 10



View of Elizabeth Mills, Charlotte, N. C., showing installation of Bahnsan Humidifiers.

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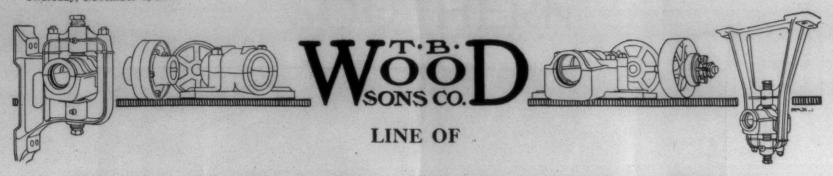
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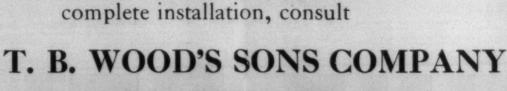
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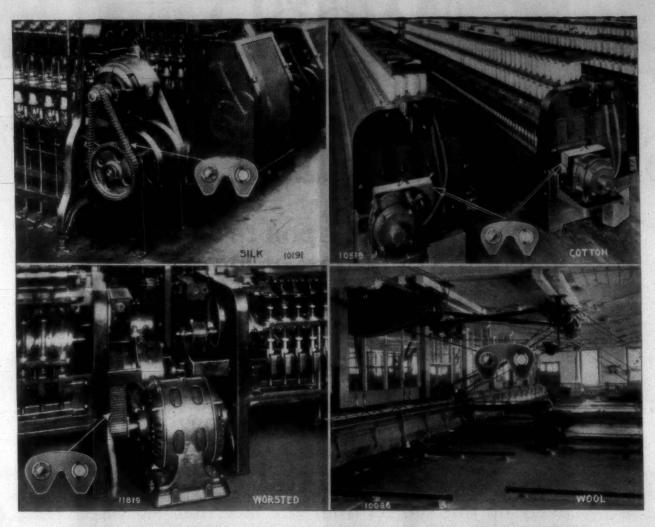


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NUMBER 10

Making the Small Mill Pay

large means has his troubles with the same undertaking. Quite a number of would-be successful man-ufacturers want to start on a small scale and wonder how they can get started. To this end parties looking up these things are constantly seeking information from their personal friends, textile machine shops and expert mill men whose attentive ear they may be able to reach in con-

The size of the small mill usually talked about ranges from one thousand spindles up to five thousand, or it may be a weaving plant with only two to fifty looms. It may be a yarn mill or it may have a complement of looms. Another plant may have looms only. Sometimes cer-tain parties will be several years getting information together and finally drop the matter. Others are more earnest and make a quick start. Some of these mills succeed very well while others are soon scrapped or auctioned off to some other manufacturing enthusiast.

In order to make a very small mill pay, the man starting same must be a thoroughly practical man along some line of goods which meet with ready demand and which can be made in this small mill. He must also be willing to work hard himself; as he will not be able to engage other skilled men to help him. will be obliged to content himself with being the "whole push." He will truly be his "own boss," but he must also be his own worker and self-starter. He must also take his losses along with the possible profits. The size of his mill venture will vary and have very old machinery or the latest and best new machinery. Both of the above will depend entirely upon the size of his means, or the strength of his credit. The success of same will depend upon the value of his all-

passing a few cases of successful take ventures may be mentioned in par- an average of say two thous ticular. A gentleman of excellent spindles. Let us suppose that weaving ability decided to strike out mill is equipped as follows:

The bimself. He started with two 1 combination opener picker. for himself. He started with two very poor second-hand looms that were almost given to him. This was about twenty years ago. He now has a plant of two thousand looms complete with carding and spinning to supply his yarn needs.

(By Henry D. Martin.) This plant has been one of the most Making a small coarse goods mill successful ventures ever started. Making a small coarse goods mill successful ventures ever started, pay is the problem of the man with It covers about thirty acres of floor limited means. Even the man with space. This plant has always succeeded because the captain of the business has never given up working himself. It graduated long ago from the coarse goods lines made at first, into the range of the firest dress goods which can be manufactured.

> Three other gentlemen who were so, and now each man owns a spectable-size mill. All are making different lines of goods on a much smaller scale than some of the largest manufacturers are doing, and yet all of these ventures are succeeding One is operating day and

> Two other men started together with a capital of five thousand dollars. One was a good dyer; the other was a good salesman. They started with less than fifty looms. Later they were actually given over one hundred old looms for hauling them away from a mill which was putting in automatic looms. Although this occurred over thirty years ago, it is said the same old looms are still running and making leading line of fine shirtings and dress goods. Meantime the plant has grown to be upwards of a fivethousand loom plant.

The above ventures have proven successful notwithstanding the fact that some men have since started large mills all equipped with the latest new and improved machinery to make fine goods and all covered with ample backing to pay cash prices, and all amounting to over a million dollars in each case, but failed to be successful. Everything looked promising at first, looked promising at first, but the men who built and started them are ting machines the following goods not now connected with them. It is said that some of the men even died of fright caused by their fail-

around and combined ability. But how about the very small . Tangibly illustrating our talk in coarse goods mill? First, we will passing a few cases of successful take a one-man yarn plant having ventures may be mentioned in par- an average of say two thousand spindles. Let us suppose that this

finisher lapper.

10 revolving flat cards

2 deliveries drawing. slubber 10x5-in., 56 spindles. intermediate 8x5-in., 104 spin-

2000 spindles, 1 7-8-in. rings. 1 spooler, 100 spindles.

twisters, 3 to 4 1-2 in. spindles. expansion reel, 54 to 72-ins.

rope twisting machines

6 braiders to braid clothes lines.

What is the range of goods which can be manufactured with the above simple equipment? Properly man-aged this small mill should turn off upwards of ten thousand pounds of

Mop yarns, all sizes. Wrapping twines, all sizes and

3. Carpet yarns, all sizes, and any

4. Rope, most all sizes.

Clothes lines, all sizes

Garden and other small lines.

7. Coarse sweater yarns, any color.8. Other coarse knitting yarns, any

9. Candle wicking.
10. Coarse crochet yarns, and size, in any color.

Calking yarns

12. Automobile cleaning wastes.
13. Carded slivers for woolen ills, in any size and any color.

Tinselled twines.

Towel filling yarns. Silence table cloth filling yarns, and so forth.

This same mill with the addition of a few looms can make the following goods:

Grain bags.

Towels.

Mop cloths. Rugs.

Filter cloths.

Cement bags.

Table silence cloth.

Bed spreads.

Porteires, and so forth.

be made: Sweaters.

Sport coats

Beef and ham bags. Golf stockings.

Working gloves. Sport skirts.

Sport caps.

Bathing suits.

ty of goods than the average man The manufacturing head in the realizes. If a man has a special abil-small plant must also combine his ity along the line of the manufac-manufacturing ability with that of of one or more of any

above lines, and if he can sell his goods, and also has the indomitable spirit, the chances are that he will make good—if making good can be made at all anywhere. With the ad-dition of a raw-stock dyeing equipment the range of work which can be colored increases the market

While sport goods must have the artistic novelty for which the trade stands open everywhere with open good designers and weavers, each any one or more of the coarse yarns doors. One little concern now opgot into debt for a dozen looms or per week, as follows: ling machines making ladies' stock-They are well made, attractively designed and properly finished. No care is being spared to make a straight-way expansive rep-utation. Special attention is being given to pattern, sizes, color effects so as to make a harmonious arrangement which offers an appealing demand for these goods. The result will be that the two men who have risked their all in this venture will soon be obliged to double their plant. Although both have worked in large mills, this small plant is a big responsibility to them. It is the "biggest mill" that ever occupied their whole attention. If their working capacity holds out with their courage and ability they will soon haev a sizeable factory. The big thing to do is to make as much as possible of one or two kinds of goods. Too many different lines lines goods. might not pay in a small mill.

A great many men can make goods but cannot sell them. Selling the product is the all-important the product is the article, mastery of the game. And vice-versa, the selling man can sell, but combination, if a man can stand partnership or corporate dealings, is that combination which covers both selling ability and manufacturing ability. Two men starting together, one of whom is a good manufacturer and the other being a good selling agent, will doubtless be more successful than one man who struggles along on a one-legged business combination.

There is another important bearing upon the business of even a small mill. This is the matter of cost-finding and which is embraced 9. Slippers, and so forth.

more fully by what is properly
Enough has been said to show called the business end of the manthat even a simple coarse goods ufacturing. A small plant cannot afsmall mill can make a larger varieford an expert cost-finding clerk.

(Continued on page 24

LONG DRAFT SPINNING

By E. Dean Walen, before National an under plate or rolls, as this is Association of Cotton Mfgrs.)

In the textile industry it has long been known that roller drafting and ring spinning in which the yarn is drawn and twisted at the same time. The reason apparently is that the twist in mule spinning controls the movement of the fibres, whereas roller drafting controls only a small per cent of fibres. Hence, if some method of fibre control could be devised for roller drafting which vised for roller drafting which would control a greater percentage of fibres, the yarn would not only be more even, but the draft could be increased to produce a considerable saving in roving cost.

(Mr. Walen then exhibited a photograph to illustrate the great va-riety of lengths which occur in a sample of so-called one-inch cotton.)

With the ordinary drafting rollers employed in spinning, it might be possible to set as close as one inch-or it may be a fair assumption to believe that all fibres one inch and were positively guided or controlled during the drafting. such were the case, which is a liberal allowance, only 18 per cent of the fibres are positively drafted whereas the remaining 82 per cent are floating to a small or great de-gree. It might be explained that this cotton was somewhat uneven and that more even cottons and the longer American cottons show greater per cent of fibres under control, sometimes running as high as 50 per cent.

The more recent investigations have attempted by lightweight midrolls and belts to increase number of fibres guided. A very close setting and a very small pres-sure on the midde roll is used. Referring to the photograph again, the new setting of the very light mid-dle roll is 11-16 inch, which increased the percentage of controlled fibfrom 18 to 55 per cent of the This increase is not so great in the case of the more even cottons, but it is fundamentally correct to control more fibres and in order to produce a more even yarn, for it is known that our present system of drafting in itself produces an un-even product due to lack of sufficient fibre control. It remains to be proven whether the proper mechanical contrivances have been devised to fulfill this basic principle.

The first system which we read of being at all successful for long draft spinning is the Casablanca system, which employs hands in place of the middle roll. The bands revolve at a rate determined by the speed of roll, which may be thought of as being the middle roller. The bands extend nearly to the nip of the front rolls and exert a light pressure on the sliver and cause the rear end of the fibres to be guided. The system has been modified to some extent to apto short and long fibres.

the drag on this plate is too much. rolls may be substituted. It is not quite certain when one should use

probably influenced by the cotton, draft and other variables.

The disadvantages of the system are briefly referred to by J. E. Lees in the January 14, 1922, issue of the "Textile Recorder," in which he says in part:

The advantages claimed by the Casablanca system are that in spite of a much higher draft, a better is obtained. Owing to the higher draft a must coarser rove can he used, therefore effecting a great saving in the card room in cost of production. The roller setting has a greater margin of safety if the cotton comes longer or shorter than against ordinary roller system.

"While agreeing with the claim of a decreased cost of production. I am not yet thoroughly satisfied that their claim to a better yarn will be established. I must, however, ad mit that the short time we have had this system in work we have found the quality of yarn quite up to our usual standard as obtained by ordimary roller drafting. The yarn, I might say, is in fact about 5 to 10 oer cent stronger. We have spun our 36s and 38s twist on the Casablanca system from an intermediate hobbin (single roving) of a 1-8 hank; the ordinary system has required a five hank.

"Now, this invention, like all other inventions, has, along with its advantages, certain disadvantages. We find in practice that there is a 'arger quantity of loose fibre about the machines, and much of this short fibre clings to the cap-bars and to the middle rollers. This ne-cessitates more frequent scouring scouring rollers, and, instead of scouring brough twice a year, I certainly think that to ensure good and satisfactory work we should have to scour at least six times a vear. As you can see, if the saw flutes on the bottom middle roller get made up with coffon, the driving power of this roller decrease. f this roller decreases, with the result that the leathers are not being driven forward at a constant speed. nd this creates uneven yarn. acouring of the frames with the Casablanca system occupies a great deal longer time, the leathers which are fastened round the bottom mid-dye rollers are disturbed from their position. All the apparatus in which the top middle roller and the top leather runs occupies time in dismantling, and a great deal more time is taken up in refitting these top fixings and threading the laters through the special apparatus.

"Another disadvantage is that the

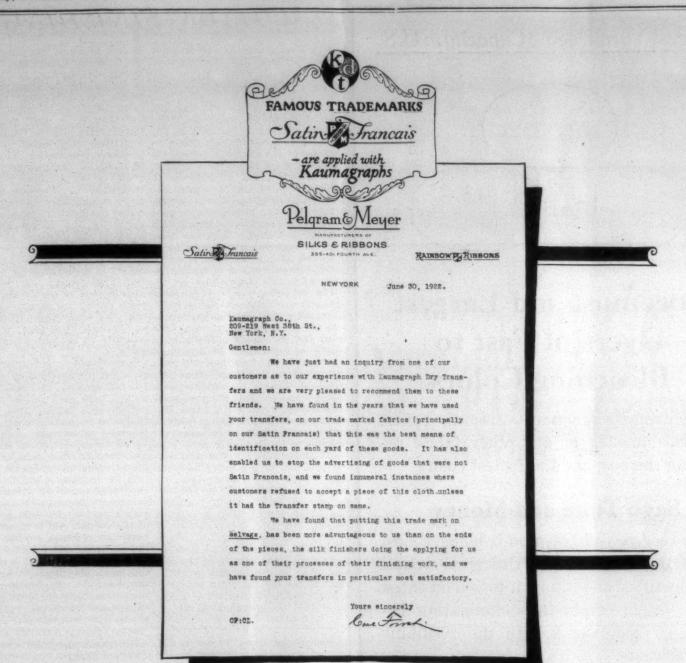
weight which is carried by the top middle roller is very much greater than that of the ordinary roller drafting system, and special wheels will probably have to be fitted in the headstocks of the frames, or otherwise we may expect constant stoppages through worn-out and broken wheels.

"Finally, taking the advantages of Walen exhibited several photographs this system and setting against to illustrate adaptations of the them the disadvantages, I consider system.)

A plate is sometimes used, but if ward. The system has, I believe. made considerable progress on the

(Continued on Page 10.)





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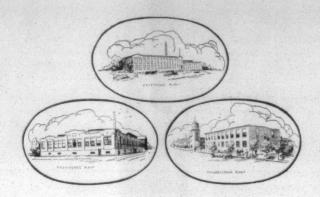
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COTTON FINISHING

may be looked for in two mechanical nature,

productions are limited by the tastes of the consumer no less than by discoveries of dye-stuffs and other inventions of the chemists, factors for the most part beyond his control. The general trend of progress in cotton finishing is, however, not difficult to delineate; and it is proa mill one by one, indicating in a a works one by one, indicating in a general way where, and for what purpose, general process is being lustrous finish. amended, and pointing out where provements are desirable.

The beginning of any finishing works is the bleach house or croft. It is here that the foundation is laid for all subsequent work. since the specification for a good howev bleach is little more or less than gated. the elemination of all impurity from result is readily obtainable with cutting down of bleaching costs is the constant effort of the progressive bleacher to make his kiers do better work in a shorter time. A recent invention claims to have efsystem. By this means liquor is of the goods. Add to these the fact forcibly withdrawn from the bottom that, by printing suitable resists, of the kier, with the result that the the acid bath can be made to funcpiled cloth sinks closely to the bot- tion locally only, and it is clear that tom grid. In causing the liquor to the exploitable field for a finish of enter at the top the cloth naturally expands again. Penetration is quickplainting down, is largely obviated. It cannot yet be said that the system is ideal for all classes of goods, but, coupled with the returning to the it has not changed in any noteworthy kier of waste steam from the heat- particular for years. The general ing coils, it marks a substantial improvement in anything before attained.

A departure from the normal routine of bleaching is being worked on the Continent. Several firms have patented processes which have common fundamental idea. Cloth is completely whitened by treatsuccessive reagents whilst lying in a kier or other suitable vessel. Whilst excellent reable vessel. sults are being obtained on colored woven cloth and similarly lightlytreated goods, the bleach will probably have to be improved before it is fit for dyed styles or high-class work in general.

The search for a capable mechanical plaiter-down continues. It has not been difficult to devise plaiters for ordinary work about a croft, but a machine capable of replacing hu-man labor for plaiting down inside a circular-pressure kier has not yet been invented. This question as-

Mercerized goods have, of course, definitely established themselves as

The development of the finishing though much of the progress made trades, perhaps like that of most since Mercer's day has been of a the parallel lines—economic and artis- now engaging the attention of phy-tic. sicists, for it is clear that much On the artistic side the finishers' more lustre can be imparted to cotton than is, in fact, produced by the ordinary process. Complete mercerization only takes place with complete penetration, always very difficult of accomplishment doubly so when output is a parallel consideration. Fnishers engaged in mercerizing have hitherto trated too much on production. The cards for the future are in the hands of the producer of the most

Some progress has been made with possible the direction in which im- regard to penetration by a mechanical arrangement by which the caustic soda is sucked through the cloth during its passage in the lye box. Excellent results are said to box. be obtained. The whole problem is, however, by no means fully investi-

A development of mercerizing has the cotton cellulose, and since this provided the outstanding novelty of the last decade. Its resources have, average modern plant, progress must as yet, only been tapped to an in-necessarily be economic only. The considerable extent. One refers to considerable extent. One refers to the Swiss permanent organdic finish largely centered in the increased ef- whereby mercerized cloth is sub-ficiency of the boiling plant. It is jected to the action of strong sulphuric acid. The process is ble of many variations. Considera-tion of tension, speed of running. the replacement of surphuric acid fected many economies by the adop- by other cellulose solvents, etc., all tion of an intermittent circulation play a part in the final appearance

this description is immense. ands again. Penetration is quick-tual permanency of finish is obtain-whilst the unevennessfi due to ed, and one which can be colored in almost any desired way. Piece dyeing is so dependent on color supply and color novelty that

particular for years. The general trend is to forsake the loose dye for the fast, and the number of dyers engaged upon the production of the fastest styles is steadily on the increase. This, however, involves little or no change in plant, for the universal jigger is used as much as much as ever. Perhaps the only difficulty of note remaining unsolved the penetration question. Attempts at under-the-liquor special squeezing arrangements and the like, have not shown any particular efficiency. The cooperation of first-class bleachers solves most of the dyers' troubles before they ar-For the rest, the color maker issues elaborate handbooks.

In color printing a momentous change is gradually taking place. It is not too much to assert that the future of printing lies in the rapid ager. Long, continuous steaming is a tedious process; still more was the been invented. This question as-sumes considerable importance in most any class of color with the ex-view of progressive ideas on educa-tion and the curtailment of boy fixation by one passage through the labor available in the croft. old "cottage" steamer. The dyestuffs money is considerable.

The construction of these maan ordinary finish of the trade, but chines is undergoing a metamorphosis. Where previously the tend ency was towards elaboration of de sign, it has been recently shown b Reinking, and in a most conclusiv way, that thoroughly moist steam and plenty of it. is the essential o almost all reactions which occur be made to take place, together with the ever-increasing beauty and fast-ness of the shades thus produced.

On the mechanical side it has long been the desire of printers to dispense with the cumbersome lapping, greys, and blankets which are part of the normal equipment of a machine. The problem has been partially solved by the introduction of a rubber cylinder in the place of the cast iron and the invention of special washing tackle to absorb the excess of color from the cylinder, returning it dry to take the cloth again at the end of the revolution. Whatever may have been the suc-cess of this substitution up to now. it is certain that the elimination of all packings and blankets is by far the most desirable improvement which can be effected for the printing machines.

The actual driving of the machine has lately been very much improved of 1923 are being placed with diffi-by adaptation of a variable speed culty. gear operating by means of an oil flow. The motor which controls this flow can be driven from any convenient shafting, and the resultant speed of the printing machine can be varied within the widest conceivable limits with the greatest regular-

The completion of block printing. which no roller machine could meet on equal terms for furniture and other styles, is being challenged by a particularly skilful adaptation of the surface printing machine. The whole pattern can be disengaged by the movement of a single lever. Speed and color feed are alike excellent, and it only remains for someone to invent a cheap method of pattern cutting for the machine to produce a really first-class imitation of block work at fraction of the cost.

An extension of the use of surfrom the favorable sett face printing may be confidently annear eastern difficulty. The ticipated in the near future. The initial cost of the machine is still rather high.

der to impart a feel or handle have varied very slightly of recent years Calendaring, since the invention of Mr. Schreiner, has only undergone minor modification. By means of different Schriener lines and tem-By means of francs. different Schriener lines and temperatures in combination with more shown 10 to 15 per cent price adexact damping finishes are being vances, and there is a lack of fine constantly improved. Much requality wools in stock, total stocks search of a casual nature has taken in this city on September 30 amount-place in calendaring without having to 25,800 bales.—Commerce Reing produced an epoch-marking imports.

rovement, as did the Schreiner calndar. On the whole, however, the endency of finishes is towards simdiffication. Public taste is improv-ng even in Indian and Asiastic mar-kets. There is a keener demand for cloths which look and feel good within the machine, not only for val. This cannot be met by calendar lus-colors but for so widely different a tre and back filling. On the metre and back filling. On the me-chanical side hot-air tentering our conception of printing has been frames can be much improved for profoundly altered during the last economy of running, whilst mefew years by the rapidity with chanical tenters-in or guiders have which the fixation of dyestuffs can not yet reached perfection.—Textile Recorder of Manchester, Eng.

Belgian Textile Situation Good.

The Bergian raw-flax market has shown an upward tendency during the past month owing to small stocks and to increased buying by French and Belgian spinners. Some labor shortage is noted in scutching establishments because fall plowing is now going on and labor continues to move toward northern France. Flax-yarn prices have lately shown marked strength as a result of considerable foreign buying, principally from Switzerland, Spain, Holland, Italy, and France. The flax-yarn business has been slightly less active since early October; in general mills are working at capacity, but some spindles are idle through lack of operatives. Orders for linen goods for delivery before the middle

Belgian cotton spinners are like-wise well occupied, and although re-ceiving less current business they are now fully occupied for some months ahead. Barring unforseseen movements in the American raw-cotton market or a decline of the franc note, it is expected that the price of cotton yarn made from American fiber will greatly exceed current quotations. Idle spindleage around Braine-l'Allend in Brabant varies from 10 to 20 per cent on account of the acute labor shortage Most of the cotton weaving mills have orders that will keep them busy until well into next year, and, because of this advanced booking. recently experienced difficulty in securing large American towel con-tracts. The volume of business in East Indian cotton is increasing on account of falling prices resulting from the favorable settlement of the

The raw-cotton market in Ghent is usually dependent on price fluc tuations in New York. The volume of business lately has been larger, especially on the East Indian staple. Something has already been said about the actual finish imparted to especially on the East Indian stapped goods. Mercerizing and the Swiss liberal buying having taken place finish remains the only two permanafter the publication of the official American erop report. In general, however, spinners are not committee. The remaining temporary finish-es which can be applied consist of filling and calendaring or beetling, but are confining their buying to Substances added to the cloth in or-immediate needs. Direct imports of American cotton into Ghent during September were only 200 bales, but 3,320 bales were received at Antwerp, the total value being 5,280,000



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The Guards cannot be opened until the basket comes to a complete stop.

The Guards prevent access to the basket but permit free access of air and clear view of interior.

The Guards are hinged to swing backward, so as not to interfere with loading and unloading of the basket.

Tolhurst Automatic Safety Guards can be obtained at a small additional cost with new Extractors, and are easily attached to those now in use.

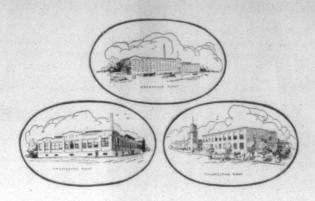
Tolhurst Machine Works TROY, N. Y.

ESTABLISHED 1852



A folder, describing in detail the Tolhurst Automatic Safety Guards. will be mailed free to those requesting it.

Largest Yarn Dyeing Capacity in U.S.



Do You Know?

that worsted varn dyed by the Franklin Process is so much superior to skein dyed yarn that some mills find their trade refusing to accept anything but goods made of Franklin dved varn.

In the last five years the Franklin Process has revolutionized worsted yarn dyeing. We dye single yarns that cannot be dyed by any other method and which formerly had to be spun from top dyed stock.

We receive your yarn either single or ply on bobbins, tubes or cones, dye it on Universal wood parallel tubes and return it on these tubes or cones. We also receive worsted yarn on jackspools, dye it on our special perforated dveing spools and return it to you on the original jackspools.

Our dveing packages form an ideal supply for twisting. Why not eliminate backwinding with the resultant yarn waste and increase the salability of your goods by having them Franklin Dyed? We are equipped to dye your yarns on a jobbing basis or we will sell you Franklin machines so you can do your own Franklin dyeing.

Upon request we will be glad to have one of our representatives call and explain the Franklin Process and our service in detail.

FRANKLIN PROCESS CO

Providence R.I. New York Office.



Philadelphia Pa. 72 Leonard St.

SOUTHERN FRANKLIN PROCESS CO

Long Draft Spinning. (Continued from Page 6.)

We have available a series of tests made at Barcelona on the Casablanca system and the ordinary system. These tests indicate a slightly superior yarn for the Casablanca system and the long draft used indicate a cheaper manufacturing pro-

The difficulties with the leather belt and the cleaning caused other investigators to look toward lightweight small rolls. Such a system is known as the Gibello-Palazzo. This system has two rolls as top rolls for the middle roll. These rolls are small, and the forward one is the lighter of the two. In this way the fibres are partially guided. It is claimed that when using 7-8 inch to 1 1-8 inch cotton the draft may be increased from 7 to 22 on this system and 30 on combed work. (Revue de La Filature et du Tissage.) In this discussion the author assumes that the shortest fibre is 7-8 inch and the author assumes that the shortest fibre is 718 inch and the longest 1 1-8-inch, but it is not known to us that such an even coton exists. There are no disadvantages listed, yet there must be complications due to weight of rolls, weight of clearer rolls, etc., with relation to the kind of work run and the settings and

Another modification was a tape running over two rolls similar to the Gibello-Palazzo system.

The author has had a very limited experience with the Cessoni-Lerussi system, which is similar to the Gibello-Palazzo system, excepting middle bottom roll is small, and there is only one top roll, which is small in diameter and in weight.

(Mr. Walen showed photographs illustrating an end section of a frame using this system, as well as an actual installation, indicating the changes necessary in the gearing to producet he longer drafts and the small middle rolls.

The weight of the top roll has a very important influence upon the It should be light enough to allow the work to slip through and at the same time sufficiently heavy to regulate the speed of slippage of

(Another photograph showed a giving manufacturers recommendations of hank roving, yarn numbers, draft and weight of top for the several cottons).

The weight of the top roll is influenced also by the settings, the draft and the weight of the roving, as the roll should be lighter with a reduced setting and also an increased draft. The roll should be heavier

for a heavier roving.

The weight of roll, draft, setting, etc., are in a very delicate balance. since the weight of the middle roll should be constant. If the roll is too heavy for the work in question, it must be set wider, and if it is set wider the draft should be reduced.

Great care must be taken to have even roving, for the impulse given the top roll makes a difference the evenness of the yarn, and the unevenness of the roving causes a varying impulse of the roll.

The roll must also be kept very clean, and since no clearers can be used in connection with the top October 5.)

middle roll, this difficulty must be contended with at an additional expense and more rigid supervision of the room, and perhaps in American mills the possibility of more help.

The fibres have a tendency to lick to cause more end breakage and the amount of fly was apparently increased.

With the equipment which we had the best yarn was made using con-ventional settings and drafts, but in justice to the idea(it must be admitted that the mechanical execution of the machine parts was dis-tinctly inferior, due to unfamiliarity with this general type of machinery We feel certain that with good ma-chinery, the proper draft could have been used.

Apart from the question of qualitly, the question of machinery costs and reduction of machinery schedule is interesting and well worth the thought as well as the trial by careful manufacturers. tables given in photographs 10 and 11 are typical of the differences which could exist between a mill using short drafts or regular systems and one using long drafts.

Monthly Report of Japan Cotton Spinners' Association for August.

We have on hand the Monthly Report of the Japan Cotton Spinners Association, including monthly returns of the spinning and weaving mills of the Association for July.

This shows working spindles for July, 1922, as reported by sixty-two mills as follows: Ring spindles 4,019.070 Mule spindles

Av. working days per month. 27.3 Av. working hours per day 21.11 Average count of yarn: Yarn produced: Kwan Ring Spindles 9,000,709 Mules pindles 9.047.257 Average per day per spindle. 36 6 Kwan Cotton consumed.

Av. wages per day per hand: ****************** 1.264 Note: †The present quotation on the yen is 48c; *A kwan is 8.26 lbs. —Bulletin of National Association

Cotton fly 1,218,535

41,660

Yent

134,605

Number of hands.

of Cotton Manufacturers.

Dominican Republic Market for Burlap Bags.

There is a market for sugar bags and also those used in sacking cocoa beans in the Dominican Republic. Two hundred thousand sugar bags, to contain 110 pounds and pounds of raw sugar, are needed for next year. The same number of bags is also needed for the local cocoa crop, these bags usually hold-ing about 150 pounds of beans each. (Consul W. A. Bickers, Puerto Plata,

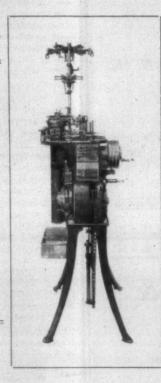
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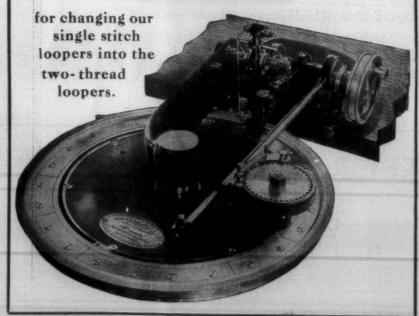
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Makers of

Two-Thread Elastic Lock Stitch Looper

Also Attachments



Knit Goods

KNITTING MACHINERY

The recognition of the posibilities required in that section. These dif-of the employment of knitted fab-ferent classes are as follows:— rics in the manufacture of all class- (1) Seamless hosiery machines, rics in the manufacture of all classes of clothing has given the knitting rib-top machines and smal lcircular es of clothing has given the knitting rib-top machines and smal leircular machine builder a big incentive to heads.

Improve existing types of machines (2) Fabric machines for tubular in regard to simplicity, accessibility heads.

and rate of production, to originate (3) Straight-bar hearded needle new types of machines for production machines and warp knitting machines. organize his works with a view to building on a much larger scale.

Incidentally, this recognition must have been noted by other textile magoods continues, and their custo-mers purchase knitting machines instead of weaving looms, the question of their building knitting machines wil be worthy of due consid-

It must be admitted that the proportion of knitting machines in use which are of British build is far from being satisfactory to the prestige of British engineers. A mendous amount of ground must be recovered before the number of seamless hosiery machines built in Great Britain is equal to the number imported into this country from 'S A.; before the number of straight-bar bearded needle ma-chines and warp knitting machines built in Great Britain equal the number of such machines exported from Germany; and before the number of flat knitting machines con structed at home equals that num-her of machines built in a small Swiss town!

An unusual occurrence took place the recent exhibition of knitting machinery in Philadelphia, U. S. A. viz., a Britist seamless half-hose machine was shown in isolated splendor. Truly, there is not need for despendency, but what portion of the knitting machines in the Manchester exhibition are of American build or origin?

Classification of Knitting Machinery

In order to be able to produce knitting machines on an economical basis, it is necessary to concentrate on the production of one particular class of machine. Even then it will be found that owing to the great variations required in the widths or diameters of the machines as well as in the gauges of the machines, a large number of models wil be required. Again, most knit-ting machines are composed of a large number of small and, in some cases, intricate parts, which to be produced economically must be put through the works in batches not of tens, but of hundreds, if the machines are to be sold in open com-petition in the world's market. For-tunately, the classification of knitting machines from the building the clasification from the manufac-turing standpoint, so that a machine plactically all the knifting machines of the modern automatic weaving

Flat and purl knitting ma-

Seamless Hosiery Machines.

have been noted by other textile ma-chinists, and if the boom in knitted mode, and investigation of their customatics and socks are knitted on this type of knitting machine, and the number of machines in use exceeds of any other type of knitting machine. More than one American builder is producing these machines at the rate of 100 machines per week. The plain machines for pro-duction hose without welt, and half hose by transferring the ribs are be-coming more or less of a standardtype, and are already being copied in countries where the rate of exchange is low, but the chief builders. British and American, are constantly adding patented improvements for producing finer gauge hosiery, self-turned welts and for obtaining fancy effects in tuck and color. The problem of producing color. The problem of producing fine half hose with ribbed tops automatically on the single machine has now been solved, although the results of exhaustive factory tests are awaited with interest.

Practically all the later types of machines are built with revolving needle cylinders, and are fitted with five yarn guides, two-speed drive, oscillatory gear, automatic stiffening for graduation the width of the leg web-holding singers and timing chain and drum for obtaining suitable lengths. These machines will-produce hose with cotton top, shaped leg, reinforced heels and toes, double soles, with an average production of 15 dozen pairs per week on a 200-needle hose machine Coarse half-hose machines for producing men's ribbed half hose will produce up to 25 dozen pairs per week per machine. One operator can attend to eight hose machines and six to eight half-hose machines with automatic transfer, but if the operator is making half-hose on fine machines and transferring the tops only two machines can be kept running full time

Manufacturers are extremely interested in the question of the ultimate success of the automatic halfhose machine, as, given mechanical simplicity and safe working, the cost of production would be lowered and the amount of waste reduced.

Fabric Machines for Tubular Webs. The growing demand for dress fabrics in addition to the usual re-quirements for the underwear trade builder with a suitable plant for has created a much larger business making one of the following classes in this class of machine, which may of knitting machines can supply now be regarded as the counterpart ters from 9 in. to 36 in. to produce machines in quantities which are fabrics 10 in. to 40 in. double width but copies of or improvements on —i. e., tubular. These machines are the original British machines. Warp simple to operate, one girl operator, attending to four machines of approximately 20 in. to 24 in. diameter with 12 feeders, being capable of producing 300 lb. to 1,500 lb of fabric drawing-off and rolling-up mechanism count of yarn used and the gauge of the machine. The chines are seven needles per inch for coarse fabrics, 12 needles per inch for medium fabrics and 16 to 18 needles per inch for fine fabrics if latch needle machines are used, but still finer fabrics can be produced on bearded needle machines possessing up to 34 needles per

A surprising factor is that many manufacturers still prefer the com-paratively slow running, Continen-tal-built radial needle machines with sinker wheels, especially for the production of artificial silk fabrics, although faster and more produc-tive machines are available. Circular web machines are now invariably fitted with fabric drawing-off and rolling up mechanism and individual thread stop motions. Provision usually made for the production of plated fabrics, and in some cases automatic alteration in color and stich. It must be admitted that greater ingenuity is displayed in the American-built machines, especially in reference to the driving and stopmotion devices, and there is ample scope for British engineers to con-centrate on these important features, which are quite of a general engineering character.

It is gratifying to note that modifications are constantly being made in the knitting action of this class of machine with a view to reducing the the end is not yet in sight. It is sigelasticity of the fabric, and, in conjunction with the help of the finisher, satisfactory progress is being made towards the production of cloths rivalling those made on a woven basis. The great advantage of the circular web machines is that

full-fashioned garments was mainly and to overcome the inherient weak-due to British enterprise. The ness of the latch needle in avoiding building of these machines, how the central slot. The general prinever, is a much bigger proposition ciple of these needles is to replace than that of the building of circuthe latch of the latch needle or the lar machines if all parts are to be long spring bard of the bearded made on a repetition bas's; hence it needle by a second member in the is found that, whilst British build-form of a hook or cover, which can appealed for their excellence of he operated either spranglely or in is found that, whilst British build-form of a hook or cover, which can ers are noted for their excellence of be operated either separately or in production, the German builders co-ordination with the main loop-who are making on a much larger drawing member so that the stitch to builders willing to take up the ditions and others are being tried construction of full-fashioning machines. On the other hand, there yarn tensions, yarn-feeding devices, is little doubt that there is and will stop motions, drawing-off mechan-be much more scope in the building isms are constantly being affected.

loom. Machines are built in diame- have secured business by building the original British machines. Warp knitting machines are simpler building proposition than the full-fashioned machines, and, moreover, are likely to be in demand, as they are capable of producing fabrics in great variety for the manufacture of coats, jumpers, dresses

Flat Knitting Machines.

The number of these machines in use has been enormously increased during recent years owing to the great developments in knitted outerwear, and it is somewhat surprising to find that practically all of the machines are built abroad. Many of the machines are of a simple hand type, the chief machines are of a simple hand type, the chief classes demand being those having a needle width of 24 in. to 34 in. and possessing 7 to 10 needles per inch. Power and jacquard machines are now being used in large numbers for making straight selvedged fab-

Obviously, changes of fashion and weather conditions have a great deal of effect upon the question of the demand for knitted outerwear of a sports' character, but it is note-worthy that each slack period of late has been followed by a still bigger boom in the manufacture of these garments, many of which have come to be considered as es-sential for ordinary wear. As the flat knitting machine is one of the least complicated machines to build there is no doubt that it will be built eventually in this country

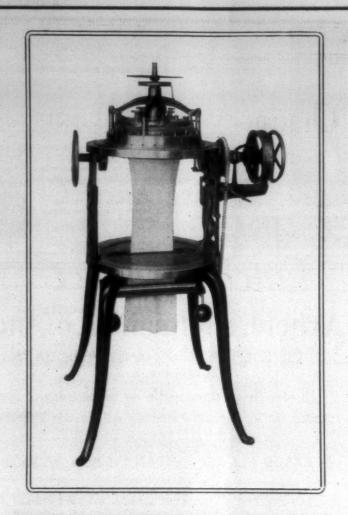
Development of Knitting Machines.

Knitting machines are constantly being improved and developed, and nificant that even the needles used are not escaping the attentions of the inventors, and when it is realized that 70 years have now elapsed woven basis. The great and of the circular web machines is that a number of weft threads can be used concurrently, and hence the production is much greater than that obtained on even the most automatic weaving loom.

Straight-bar Machines.

Straight-bar Machines.

two types of nearly viz., the spring or bearustic, the significance is more remarkable. Several new types of needles have been patented during the last few years some of which, however, had crude counterparts in the pre-latch needle neriod. The objects of the inventory of the inventory of the counterparts in the pre-latch needle neriod. The objects of the inventory of since the invention of the latch needle, and that practically only of a straight-bar type, and the detion of these needles are to obtain velopment of this class of machine shorter knilting actions to enable for the production of high-class. finer guages of machines to be made finer guages of machines to be made scale have secured a much greater may be cast off at the desired time. export trade. At the present time piece needles is actually in use on however, little benefit would accrue machines running under factory corof warp knitting machines which as well as modifications in existing are of a straight-bar character, machines for giving greater pat-Here, again, foreign competitors terning facilities.—Textile Recorder.



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-Agents-

Textile Trade More Active.

Washington.-"On the whole, industrial activity in September was maintained at about the same level as in other recent months," the Department of Commerce announced in making public the monthly sury of current statistics.
Adjustment of labor controversies

has brought about increased activity in many industres, including textiles, coal and railroads, the report states, taking up the textile indus-

tries as follows:

"A small decline occurred in the consumption of cotton by textile mills in Sevtember, although the total of 495,344 bales is slightly above the average consumption for the preceding eight months of this year. Exports of cotton were some 95.000 bales greater than the very low record in August, but are still far below what they were a year

"September exports amounted to 368,890 bales. The average monthly exports for the first nine months of this year have been approximately 430,000 bales. For the same period last year, exports averaged 480,000

war years, exports averaged more than 700,000 bales per month. Thus, while domestic consumption of cotton is about on a level with the pre-war figures, exports averaged only

about 60 per cent of the 1913 move-

"Stocks of cotton showed the customary seasonal increase during September. The rise in mill stocks amounted to only 40,000 bales, but warehouses stocks att he end of September totaled 3,218,000 bales, or more than double the warehouse stocks a month previous. There was a slight drop in the New York price of cotton, while the price of cotton manufacturers remained relatively stationary, compared with August.

"The price of wool and of woolen manufactures showed little change compared with the preceding month Receipts of wool at Boston in September amounted to 21,304,000 pounds, or only half as much as in August, and the lowest for any month of this year.

Develop Hosiery Standards.

Washington. - Tests to develop bales per month, while in the pre- standardization of size and quality



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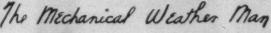
Paints for Mill and Village



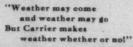
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Literature upon request

in hosiery have been begun by the I Bureau of Standards, in co-operation with the National Association of Hosiery and Underwear Manufacturers, it was announced here by F. R. McGowan, director of the textile division of the bureau.

In testing wearing qualities of ho-siery, Mr. McGowan announced that a new abrasion machine, perfected and invented at the Bureau of Standards, will be used for the first time in an actual test. This invention, the work of Mr. McGowan, has been in construction for over three years and combines both tension and surface wear in testing fabrics

The mechanism consists of two drums revolving in opposite direction, so that the faces to which is attached the cloth being tested create friction sought to be similar to actual use. The heat generated by the friction is regulated by a special registering device, regulating the speed at which the two drums

move.

J. Nash McCullaugh, secretary of the association, and Mr. McGowan have planned the hosiery tests together, and it is expected that a pre-liminary report will be ready for publication in about three months Final report of results will be available in about six months, it was announced.

Hosiery manufacturers through-out the United States have been asked to send samples of their product, with all information as to yarn, number of needles involved in making, etc., to the bureau in Washington. The tests are to be conducted on the samples submitted.

It was emphasized today by Mr McGowan that in the reports to be published manufacturers whose product have been used will be known under code numbers, so that no information confidential to the manufacturers will be made public. No discrimination against particular companies cooperating will be possible under this plan of operation No names are to be mentioned.

Tests to which the hosiery submitted include measurement of foot size, bursting and stretching and surface tension to be determined by the new abrasion machine. Included are to be ladies', men's, misses ribbed, mercerized and cotton hosiery in the gray; also as finished dyed and pressed; quality and weight between the unfinished and finished product in the samples to

correspond.

The Bureau of Standards is desirous of having the cooperation of every hosiery manufacturer in the United States," Mr. McGowan said today, in inviting manufacturers to send samples of finished and unfinished products in various grades so that the survey might be thor-ough. "The bureau desires as many samples as possible, and additional during the next six months, to be properly marked with content, yarn used and quality.

"After various tests, the informa-tion to be gathered can be used by manufacturers in determining whether materials can be considered up to standard, and in case of rejections, conclusions can be based on actual tests. This information will prove very valuable to the manufacturer, and to the industry generally."

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"The Neglected Ladder."

W. H. Hall, Safety Engineer

to give the question of ladders a ladder in use today. second thought? Ladders as we are to the vast majority of us they are practically the same thing now as the first ones we ever saw.

While it is true there are some good substantial ladders in use, both is avoided. straight and step type, there are but very few ladders that may be termed safe. They may be safe are are once in place, which often requires a great deal of manual effort market circles here as to the volume quires a great deal of manual effort market circles here as to the volume quires a great deal of manual effort market circles here as to the volume quires around, especially of supplies of dry goods the jobbers They may be safe after they in Mills and Factories where the line shafting, pulleys, belts, etc., are overhead. There is always present the menace of striking the revolving overhead parts and throwing the ladder out of control of the one trying to raise it and in falling it is just as liable to go one way as another and a serious injury is likely to be the result. The writer has had experience on several occasions erecting ladders in crowded places.

For the benefit of Safety Engi-Employers and Workmen alike who are interested in Safety in Ladders, either the straight or step ladders, I wish to call their attention to a new ladder of this type recently put on the market under the name of Peerless "Eversafe" Folding Ladder.

As its name implies, it folds. had the pleasure in the past week of thoroughly inspecting and testing this ladder and seeing it in its vari-ous steps of manufacture. The rails of two halves of one half found thoroughly seasoned, perfectly straight Spruce, grooved to receive the Rungs when the ladder is The Rungs are made of thoroughly seasoned straight grained second growth Hickory, with a Ferrule of Steel in each end. Each prevent Turning, or coming out One side of groove on each Rail is drilled to receive the Pin. The end of Run is inserted in Groove, the Steel Pin is put in and driven home in other side of Groove, each end of Rung being fastened in same way The opposite end of each rail is left round a short distance back so when ladder is to be moved from one location to another, one side is simply raised and the Rungs Fold into the Groove and the Rails come together. It is simply a matter of moving a round Pole the length of the Ladder.

The Ladder is very light compared to the ladders in present use, yet they are rigid and will carry a greater weight than the ladders of equal weight of present construc-

There is an automatic lock at the bottom of the Ladder to insure Safety when open.

The Step Ladders are also of the

pound man get on the top step of the 44 inch ladder with ease and no variation, and it remains rigid U. S. Fidelity & Guaranty Co.) under his weight, it is far more than How many of us stoy long enough can be said of the ordinary step

This ladder, of length wanted, used to them have been with us when not in use, is folded into a since the day we were old enough compact bundle the width of which to know there was such a thing; and is about five times the thickness of material used, and can be set back out of the way with the straight ladder, and the hazard of tripping over ladders leaning against the wall

Are Jobbers Well Supplied?

have in stock or under order. discerning commission necessant representing a large number of mills making a very wide variety of goods in the brown and finished state, is convinced that jobbers as a whole have bought less freely than has been their custom during the past few years of war demands and widely fluctuating values.

Speaking after an examination of own books he expressed the opinion that jobbers are not well supplied. He believes they have ample merchandise in hand and under commitment to carry them into January and February, but he is convinced that they will have to buy many more goods if the advance spring orders begin to swell much in the next couple of months, or the business at retail is of normal volume throughout the winter. He does not think that more than half of them have attempted to cover their wants for the first quarter of the

coming year.
The South has been an active buyer, and in relation to the quantities of goods required in the Southern territory, the operation have been large. Some observers of the been large. Some observers of the trading for that section are of the opinion that soon after Election day the South will cease to buy as freely end is flattened to form a head to as it has been doing, and the job-prevent Turning, or coming out bers in the South have a feeling that their own business may not be so active by the middle of next month. The activity of Southern buying is readily explained in the high prices cotton has commanded, and the paucity of stocks when the cotton year opened in the Southern

jobbing territory.

Buying Lighter Than Last Year. It is beyond question that a num-ber of Middle Western and Western houses known as national distributers did not buy as freely this fall as they did a year ago. Last year some houses in this territory "bought their heads off" and were compelled to carry stocks for a large part of the first half year. That experience was keenly in mind when cotton began to rise again this year and the action of the raw maitself did not prove to be the incentive for future commitments

that it was a year ago.
It has often been stated in job-Folding Type. Each end of each bing circles that if the large Eastern step is hinged to the rails and the mills making many popular jobbing Frame in back is hinged and the goods had produced steadily and in telescoping with a locking device, full volume all this year it would which, when the ladder is set up have brought on the greatest defor use securely locks the ladder pression the inhing trade has all for use securely locks the ladder pression the jobbing trade has felt holding it very rigid. When a 350 for many years. The restriction of

production proved to be a stabiliz- mills making the most noise about ing force in the distributing mar- the change. The larger merchants kets, especially in all those grain growing districts where people felt poor and would not buy. Since production has been resumed in the Eastern mills the buying has been very moderate, and some of the largest Western distributors bought

conservatively.

That they have had ample merchandise to meet the requirements of the trade has never been questioned seriously. The catalogue houses have pushed trade a great deal and have lessened the sales of many retailers in the Middle West-ern territory. That has had its ef-fect upon the jobbers, but the real restrictive influence on the jobbing trade has been the uncertainty of eredit relations in retail channels. Many retailers had back bills to pay right up to the time that the crops began to move. Jobbers have been well aware of this and they have not pressed sales until within the few weeks. Many Western jobbers say they have bought only for requirements till January, while others are covered to February.

New York Jobbers.
Some of the New York jobbers did not really begin to buy very freely until September was quite well along. Many did not buy at ali until October opened, and it became apparent that the retail trade was going to be better as the seasonable needs compelled consumers to go to their stores for supplies. Within the past couple of weeks some jobbers have bought freely, especially in bleached and brown goods, colored goods, sheets and pillow cases, white goods and their late season wants of blankets and comets.

The New York jobbers are neither poorly slocked nor fully stocked as elsewhere as they have pursued a merce. buying policy not unlike that to which many retailers are committed They have bought small lots fre-quently, and have been decidedly more careful in buying the sub-stitutes for standard brands that were out of the markets because of prolonged strikes. Within a month some New York jobbers have be-come convinced that spot buying is going to continue throughout this winter because of the unwillingness inability of customers to buy ahead. They have therefore covered more freely, and while not stocked for the spring trade, they are well prepared to meet the rush for goods likely to be seen when retailers find the primary markets devoid of bargain lots for new year sales.

It is self evident in the current

market that the pent-up demands from retailers who went slow in in-dustrial centers all during this troubled year are now being ex-pressed in orders, and these orders will continue in the opinion of the local jobbers. They look for a fair and conservative business from consumers and retailers, but have lit-tle thought of a boom demand.

Politics and Business.

probably growing, the smaller 1,000,000 in excess in the South

still stick to national distribution through conservatively managed jobbing houses, but are increasingly interested in national advertising. when the mills pay. It is certain that the usual outery about the dv-ing jobber and the great profits of the middemen will go on increasing as more normal business conditions are resumed, and when the politic'ans grow tired of "slamming" the refailer they are expected to turn back to their old bone. "the inflated middeman.'

And sneaking of politics, business and politicians, it will be interesting to know that there are several very able dry goods merchants in the jobbing trade who are firmly convinced that political propaganda has been at the bottom of much of the recent unlift in business. One very large Western factor had a dozen slips he had picked out from pavers, containing stories from Washington about great business in his own section The Washington reports were certainly not based on the experience of his own house, which is one of the largest in the West, hence he doubted the accuracy of the reports

On comparing notes with some other merchant they, too, had been noting the fine boosting business publicity from Washington, he said he learned. That the dry goods jobbing trade is better is admitted, and that it is comfortably supplied with merchandise is true. Yet when i' is possible to induce some of the really great merchants to open their real sources of information, which is their own books, it is found that it is not going to be an easy matter for either jobber or manufacturer to pass higher prices along to retail customers or to consumers. There compared with a year ago. As a is some and possibly a lot of porule, they have better assortments litical wind in the business boom, in of merchandise than many jobbers dry goods at least.—Journal of Comis some and possibly a lot of po-litical wind in the business boom, in

Textile Industry Looks to South.

Washington.-Statistics in the department of commerce indicate that the cotton spinning industry is southward bound and that in course of time Southern states will have a monopoly in the production of cotton goods as well as in the production of the raw material.

New England manufacturers are

said to be tiring of the handicap which distance from the locality of production imposes. Alabama, Georgia and South Carolina are the states which the department of commerce thinks wil continue to show remarkable progress and develop-ment in the cotton spinning indus-

There are 15 principal cotton spinning states, only six of which are in the South. They are Alabama, Georgia, North Carolina, South Carolina, Virginia and Tennessee. The total number of spindles in the United States is 37,075,407. In the city Southarn states the number of spindles in the United States is 37,075,407. six Southern states the number of spindles is 16,094.073. Figures pos-sessed by the department of com-Politics and Business.

Many changes are taking place in the methods of getting to retailers and consumers and the volume of in all other states, active spindles direct trade from mills to consumers hours—indicative of business—were is probably growing, the smaller 4 000 000 in excess in the South

HOYT'S TURTLE



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SOUTHERN

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------Managing Editor D. H. HILL, JR -----Associate Editor

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THURSDAY, NOVEMBER 2, 1922.

Joe Bradley is Gone.

Word came to us last Friday that J. J. Bradley, agent of the Merrimack Mills, Huntsville, Ala, had died on the previous day of appen-

The word came to us in the form of phone inquiries from many mill men and supply men who had heard the report but hoped it was not true and we joined with them in that hope

present stated that he was sick at business. Huntsville, but they did not intimate One manufacturer of finishing that his sickness was serious.

on a cold street corner ask him to amounting to \$12,000. buy one. Joe grabbed her bundle A manufacturer of loom pickers Outlast your bones." of papers and kept the New York reported orders amounting to \$4,000 theatre goers laughing while he sold that were handed to him by men them all in a few minutes at sev- who called at his booth. eral times their regular price. He A man who, unknown to the exgave the old woman the money to- hibitors, had decided to build a and must depend upon outside asgether with some of his own and 30,000 spindle mill spent a day ex- sistance. she smiled her thanks as he happily amining the machinery and equipwent his way. That was big-heart- ment exhibited and many orders New England Man Refutes Stateed Joe Bradley, the friend of the will probably result from his visit.

Rotary Club of Huntsville and no turns but in almost every instance Mr. David Clark.

successful cotton manufacturer.

He will be missed at all the meetings of the cotton manufacturers Mr. David Clark, for one of the happy spots of every meeting was to us and many others the hand clasp of big Joe Bradley. It is hard to realize that Joe is gone.

Exposition a Paying Affair.

in the recent Southern Textile Ex- She started something Big jovial, happy, Joe Bradley position at Greenville, S. C., expect- That beats the band. had been for years a conspicuous ed to get any direct returns but figure in the textile industry of the without an exception every exhib-South and he was a close personal itor with whom we have talked, not friend of our editor. He was slated only sold enough machinery to fully to lead the singing at the Southern justify the expense of the exhibit Textile Association banquet at but secured live prospects which Greenville but his men who were will probably result in additional The fabric woven

machinery exhibited solely for the One night several years ago we purpose of increasing the interest walked up Broadway with Joe Brad- of Southern mill men in finishing ley in his usual happy mood and plants but was surprised to receive heard an old woman selling papers orders during the Exposition So worry not

rich and poor alike, in fact the Machinery and supply men usually friend of every one he met. look forward to an exposition as a Last year he was president of the large expense with no tangible re-

A list of those who expected to a tend was placed in the hands of a exhibitors in advance by the Souti. ern Textile Bulletin and no doub. assisted in the sales made as it enabled the exhibitors to communicate with those whom they especially desired to see.

Our Poets

We recently published the following which was written by Marion Greer of McCall, S. C., upon a tire inspector's ticket and discovered by an inspector at the Goodyear plant in Ohio:

> When I am ded And in my grave, No more loomes Will I Crave.

But on my toom stone I want it wrote: Four automatics Got my goat.

In response to this we have received the following from Durham, Novel Textile Machinery at Third N. C.:

Third Reichenberg Fair.

Editor dear, When you read this Have nothing to fear.

> The lines given here, Altho free verse, Could be better, But hardly worse.

Very few of those who took space Took her pencil in hand

Let me finish What she tried to do And for this Your attention I woo.

"Those naughty looms, Your spirit floored, Are on a Ford.

> After you are Dead and gone Those four automatics Will run on.

of toom stones Those automatics will

If there are others who are poet-ically inclined we will be glad to hear from them as we have no hear from them as we have no instance in the mercerization of cot-regular poet upon our editorial staff ton yarns.—Daily News Recorder.

-Anon

ment.

National Ring Traveler Co., Providence, R. I. Oct. 30 1922.

ser, Portland, Maine, has been very refully noted. Being a strong be-ever in a true statement of facts applaud you for refuting such a misrepresentation as the Express

Advertiser published.

As you know I make frequent visits to the Southern manufacturing sections, and one these trips it has been my privilege to visit a great many mills in North Carolina. South Carolina, Tennessee, Alabama and Georgia, and I want to state very emphatically that I have never seen any of these horrible exhibi-tions as regards Child labor that we often read about in sensational publications.

Throughout the Textile Industry very rapid progress has been made improving the conditions under which the operatives perform their duties, this is true of the South as well as the East. Your vigorous denunciation of such reports as the one in question is both timely and refreshing.

Very truly yours,

P. C Wentworth, Treasurer.

Reichenberg, Czecho-Slovakia, Oct. 20.—Among the novelties seen at the Third International Reichenberg Fair were several textile machines of special interest to the visitors of this fair.

Felix Billig, a machinery manufacturer here, exhibited a novel combined starching, stretching and drying machine, which on account of the three processes, and the consequent saving of time and labor, found universal interest. The fin-ishing of textile fabrics, with the aid of this machine, can be done in half the time it took formerly, and at only 30 per cent the expense, according to the manufacturer.

Ball-bearing spindles, produced by the Maschinenfabrik Seihel Chemnitz, are claimed to enable the saving of about 30 per cent the power now used with the usual English ring spindles. The new spindles have four ball-races, which automatically adjust themselves to the oscillations of the spindle, by means of their flexible arrangement. Both upper and lower bearings are equipped with flexible ball races. Lubrication is done by means of circulation feed, the oil to be renewed once a year.

Bebrueder Brode, of Aussig, produced a novel refrigerator, which by virtue of its simplicity is specialy adaptable to textile purposes, for

Philippine September Textile Trade.

September imports into the Philippine Islands of cotton and manufactures thereof, except cloth, amounted to 1,000,000 pesos and of cotton cloths to 3,000,000 pesos; exports of hemp from the islands during September were valued at 4,000,000 pesos, the amounts of hemp man practiced more their motto of the expense attached to exhibiting service.

With all his fun and good-fellow- position was less than is usually inship Joe Bradley never neglected cident to the amount of sales that his business and was rated as a very were made.

Charlotte, N. C.

Wy dear Mr. Clark:

United States 90,000 bales; Europe 50,000 bales; Japan, 18,000 bales; The production of abaca for the current portland Evening Express & Adver- year is estimated at 1,200 bales.

Personal News

R. A. Haynes has resigned as sup-erintendent of the Osceola Mills, Gastonia, N. C. B. I

Walter Richards, assistant superintendent of the Columbus Mfg. Co., Columbus, Ga., has ben elected City Manager of Columbus.

J. A. Parker, formerly of Walhalla, S. C., has become superintendent of the Anderson Mills, Inc.,

Pelham, Ga.

Warren H. Pearman, of Lavonia operation for appendicitis. (Ga.) Cotton Mills, has become sec-(Ga.) Cotton Mills, has become sec-ond hand in twisting, spooling, reel-tified with the cotton manufactur-ing and winding at the Habersham ing industry in the South. having Mills, Habersham, Ga.

superintendent of the Union Divi-sion of the Consolidated Textile Corporation, LaFayette, Ga.

L. L. Hurley has resigned as overseer carding at the Standard-Coosa-Thacher Co., Chattanooga, Tenn., to become superintendent of the Osceola Mills, Gastonia, N. C.

W. H. Enloe has been appointed Manufacturing Company, Albegeneral manager of the LaFayyette marle, N. C., to become general sup-(Ga.) Cotton Mills. Company, at Chattanooga,

> B. B. Comer, president, and Donald Comer, vice president of the Avondale group of mills of Alabama. have purchased an interest in the Birmingham-Ave Herald, one of the leading Southern newspapers.

Joseph J. Bradley Dead.

Lewis Williams has resigned his Merimack Manufacturing Co., Huntsposition at the Piedmont Mills, ville, Ala., and one of the most Egan, Ga., and is now located at prominent mill men in the South. died at Huntsville on Thursday of last week. His death followed an

been officially connected with several well known mills before becom-James R. Killian has resigned as ing agent for the Merrimack Manufacturing Co., a position which he had very efficiently filled for a long term of years. Mr. Bradley was rated as one of the most saccessful mill men in the Southern stae and had attained national prominence as a business man and manufacturer. He enjoyed a very wide personal acquaintance among mill men and Stephen D. Bennett has resigned his death will bring sorrow to scores superintendent of the Efird of friends throughout the industry.

Why a Morse Silent Chain

The Morse silent chain is used because of its superiority based on the design of the exclusive "rocker-joint" construction, the very highest grade of material and heat treatment, the extreme accuracy in manufacturing and the engineering assistance in the designing of textile drives by engineers trained in this particular line and backed by the long standing reputation of the MORSE CHAIN COMPANY.

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WORKS-WOODERIDGE, N. J.

OFFICES 44 B. 25 B ST., N.Y.

MILL NEWS ITEMS OF INTEREST

St. Pauls, N. C.—The Ernaldson Cotton Mill Company will soon in-stall 2,500 additional spindles.

Woodruff, S. C.—The Woodruff Mills have declared a stock dividend of 200 per cent.

Selma, Ala.-Plans have been completed to install the electric drive throughout in the Selma Mfg. Co. the plant now being only partially electrified.

Social Circle, Ga.—The Social Circle Cotton Mill Company is installing five new spinning frames and one new speeder frame. These to take care of the additional looms recently installed in the mill.

Tuscaloosa, Ala.-The local chamber of commerce has succeeded in locating a new hosiery mill in this city under the direction of R. E. Davis, vice president of the W. B. Davis & Son, of Fort Payne, Alabama.

Rome. Ga.—Plans for the new McLin Mills are being prepared by J. E. Sirrine and Co., Greenville. The plant will begin operations as a weave mill only, having 60 looms on duck and 40 looms on duck specialties. The weave room is to be 100 by 107 feet. C. E. McLin is president of the company.



Cleans Mill Floors

Makes

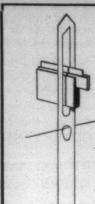


Cost \$1.67 a barrel.

Cleaning material and labor expense reduced considerably.

9 gallons cleaning solution costs 1c.

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The K-A Electrical Warp Stop Motion

is used by leading mills on all kinds of looms: plain and automatic, both here and abroad, for cotton, woolen, worsted and silk fabrics. Mills that have used it for years are extending their K-A Equipment.

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CLEAN QUALITY

SUPERIOR SERVICE

If a drive is worth belting, it is worth belting well. Why be satisfied with a mediocre belt? Cheap belting is false economy—the safest investment in the world has always been REPUTATION.

Charlotte Leather Belting Co. Charlotte, N. C.

to \$500,000 will be the cost of additional buildings and machinery decided upon for the Calhoun Mills The new machinery will include 15,000 spindles and 450 looms.

Alta Vista, Va .- The State Corporation Commission has granted to the Altavista Cotton Mills, Inc., of Alta Vista, Va., an amendment to its charter, increasing the capital stock from \$400,000 to \$750,000. The of-ficers are . L. Cumnock, president, and C. N. Cumnock, secretary. The capacity of the mill will be doubled, as previously noted.

Spartanburg, S. C.—E. S. Tennant, purchasing agent for many of the textile plants in Spartanburg county, was elected a director of Saxon Mills Thursday, at a meeting of the stockholders, it was announced by John A. Law, president. Because of the absence of many of the direc-tors, Mr. Law said, the matter of declaring the usual dividends was deferred until a later meeting.

Abbeville, S. C .- At a meeting of the stockholders of the Abbeville Cotton mills, held at the office of the corporation here, H. A. Hatch, of New York, was re-elected president of the mill, and J. Foster Barnwell, treasurer and general mana-

A dividend of three per cent was

declared, payable January 1, 1923. H. A. Hatch, G. H. Willen and W. E. Winchester attended the meeting from New York.

Greenville, S. C.—Increase of the capital stock of Judson Mill from \$1,200,000 to \$2,500.000 is to be considered by stockholders at a meet-ing to be held November 28, accord-ing to legal announcement made over the signature of B. E. Geer,

president, and B. S. Mills, secretary.
The stock is to be divided into shares of the par value of \$100 each. The meeting is to be held at the offices of the mill near this city.

Roanoke Rapids, N. C.—At the annual meeting of the Roanoke Mills Co., of this town, Clinton L. Williams, president of Wheat, Williams & Co., Inc., investment bankers of Richmond, was elected a member of the board of directors.

Statement of the company, audited by Price, Waterhouse & Co., show-

by Price, Waterhouse & Co., showed the company to be in excellent condition, and that the earnings for the year have been very good. The company declared a 4 per cent semi-annual cash dividend on \$3,000,000 of common stock, and carried a substantial amount to the surplus and undivided profits account. undivided profits account.

Cherryville, N. C.—The Carlton Cotton Mills, the new company which was organized some months ago, is expected to be completed on November 4. Construction of the mill was begun four months ago and the construction work is said to have established a record for mill building in this section. Machinery is now being installed. The plant, which will be modern in every particular, will employ the individual electric drive throughout. The mill

will have 5,00 spindles.

Most of the houses in the village have been completed and are ready

for occupancy.
Carl A. Rudsill is president and principal stockholder.

Laurens, S. C .- The annual meet-Laurens, S. C.—The aimoar meeting of the stockholders of the Laurens Cotton Mill Company was held here, Senator N. B. Diai, president of the company, presiding. The report of the officials showed he mill to be in a president of the he mill to be in a prosperous condition, and running fuil time. A dividend of 3 1-2 per cent in 10,500 shares of stock was declared payable December 30.

The board of directors was reelected, who in turn relected an or-ficers for another year as follows: N. B. Dial, president; F. J. Hale, of Boston, vice president; W. S. Mont-gomery, treasurer, and manager; M. I. Smith assistant treasurer. Inelected, who in turn relected all of-L. Smith, assistant treasurer. Interested stockholders from New York and Boston included Mr. Hale, W. E. Winchester, H. A. Hatch, and G. H. Miliken. They traveled down in a private car, and left here Tuesday for Spartanburg.

mill property, and expressed them-farmers were selves as highly pleased with the mill for Abilene. reconstructed village. "Our people h

Greenville. S. C .- Plans are now being drawn up by J. E. Sirrine company, and bids are to be asked for at once for an enlargement of Mills Mill, actual building of which, exclusive of the machinery which will be installed later, is estimated to cost about \$35,000.

This addition, however, it not absolutely decided upon, but in all probability will be realized, it was said. As planned now the addition will be erected on the side of the mill near the Piedmont road. to be brick, constructed similar to the remainder of the mill and four stories high.

The addition is made mainly for the enlargement of the cloth room which is now too small to handle the amount of work carried on weekly by the mill. On all four floors the floor space will be 50 by 100 feet and it will be possible to install at anytime 5000 new spindles. install at anytime 5,000 new spindles. The mill now contains 31,000 spindles and the addition would increase the

production of the mill one-sixth.

Mills Mill now produces 300,000
yards of cloth every month. The
5,000 spindle addition will make it possible to produce approximately

233,333 yards per month. Both fig- growing area, through chambers of became due, the Courtnay interests ures are obtained figuring that the commerce." mill runs both night and day as it and the addition will make work for 40 new men.

The cloth room is used for in-specting and baling and packing the cloth after it is run through the mill and it is for this part of the mill that the addition is being made. The present cloth room is inadequate and the workers are crowded It was stated by officials of the mill that if any of the bids were accepted the work on the addition would be begun immediately and pushed through as quickly as possible.

cotton mills in Texas, is the opinion day in their private car. of Charles E. Baughman, commissioner of the department. "We have shown this exhibit at several fairs, he says, "and the report comes from Abilene that the people of that thriving community have been so

grit to undertake anything worth ending the controversy which has while, but the trouble is that we been in the courts for several have not learned to educate our peomonths. ple to the possibilities in cotton The Gassaway interests bought mills. When we have finished show—the mills in 1918, paying \$1,200,000

ton mills. The mills represented at the meeting were Pacolet, Whitney and Spartan, in this county, and the Gainesville cotton mills, Gainsville,

The following dividends, payable January 1, 1923, were declared: Pacolet, 4 per cent on \$2,000,000 common stock; Whitney, 3 per cent on \$700,000 common stock; Spartan, 4 per cent of \$2,060,000 common stock; Austin, Tex.—That the cotton mill common stock. Among the out of products exhibit of the markets and town directors present were G. H. warehouse department, now being Milliken, W. E. Winchester and Hardward at various fairs over the old A. Hatch, of New York City, and I. I. Hill of Boston, Mass. The state, is described to state t

Courtenay Mills Case is Settled.

Greenville, S. C .- Suits involving the purchase of the Courtenay Manrivate car, and left here Tuesday much impressed with the exhibit, ufacturing Company at Newry, S. C. joying a season of prosperity that that even during the stay of the ex-which was sold to W. L. Gassaway makes of a small town, a miniature the visitors made a survey of the hibit in that city, business men and and stockholders of the Issaquenna city in its progress and bustle.

The present series of developill for Abilene.

000 were settled. A consent order "Our people have the nerve and was filed with the clerk of court

ing this exhibit at fairs, we intend cash and giving notes for the re-to circulate it throughout the cotton mainder. When \$300.000 of the notes

brought suit for collections, and a counter suit was instituted, asking is running now. There are now 480 Dividends Declared by Spartanburg a revision in prices and alleged fraud operatives employed by the mill Mills. spartanburg, S. C.—Dividends to-talling \$198.168.66 were declared here order, it was learned here that a today by directors of four large cot-note for \$500,000 had been surrendered by the Courtenay interests for \$150,000 in cash.

Ware Shoals Making Much Improvement.

Greenwood, S. C .- With developments costing several nundred thousand dollars already completed, Ware Shoals Manufacturing comments pany is still planning for additional building and development at Ware Shoals. Ground has recently been broken for a new 50-room hotel and apar(ment house; a filling station costing between \$6,000 and \$7,000, which will be one of the most completely equipped in the state, is being erected; a steam auxiliary plant, costing a quarter of a million dollars has been practically completed; scores of new homes have been erected and others are now being built; in short, Ware Shoals is en-

The present series of develop-ments were begun at Ware Shoals in the spring and lack much of completion yet. When finished, the town will be almost twice as big as it was before the building was begun. Cotton mill men declare that Ware Shoals is one of the most modern, thoroughly equipped cotton mill towns in the south.

The new filling station, which is being built opposite the Ware Shoals department store, will have rest rooms and baths for both men and Every convenience will be afforded tourists who come by Ware Shoals and the filling station will look after the needs of both the cars and theh uman occupants.

A department modeled after the

department modeled after the department stores of the largest cities is operated by the Ware Shoals Manufacturing company.

Benjamin D. Reigel, president of Ware Shoals Manufacturing company, is expected this week to come from his home in New York for a short visit to Ware Shoals. One of Mr. Riegel's favorite hobbies is breeding thoroughbred Guernsey cattle, and a large herd of thorough-Guernsey hred Guernseys is kept on the farm of the Ware Shoals Manufacturing company. The employes are supplied with milk from the company's own dairy herd.



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THE CHOICE OF A HUMIDIFYING SYSTEM

must be one that for simplicity with great capacity and economy in maintenance produces uniformly such conditions that may be determined for the different requirements of the work. In the American Moistening Companya method of humidifying, all such requirements are GUARANTEED.

Our COMINS SECTIONAL HUMIDIFIERS
Our FAN TYPE and HIGH DUTY HUMIDIFIERS
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the room from outside)
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Our COMPRESSED AIR CLEANING SYSTEM

Our CONDITIONING ROOM EQUIPMENT
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RUSSELL GRINNELL President

FRANK B. COMINS, General Manager BOSTON, MASS

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FINISHING COMPOUNDS FOR ALL CLASSES OF FABRICS.

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These compounds are based on the best practical experience and the best materials used in their manufacture.

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Southern Agent: Cameron MacRae, Concord, N. C.



Program for North Carolina Mill maintained in Atlanta with George at the business session Saturday Torreon, Mexico, Cotton Crop Short. Meeting.

ing at Pinehurst last year and the Jr., secretary-treasurer, Charlotte. success of that meeting led officials to again choose Pinehurst.

ing a large attendance. The associaning all arge attendance. The associaning all of the includes practically all of the H. R. Fitzgerald, president of the cotton mill operators of North Car-Riverside and Dan River Mills olina, and a traffic department is Danville, Va., will be the speaker

W. Forester in charge Officers of morning. the association are:

The two days at Pinehurst will be replete with business and social Hunter Marshall, Jr. of Charlotte, events. The banquet for the mem-secretary of the association, has bers of the association, their guests sent out the program and is urg- and families will be held Friday

morning. The amusements provided for the textile convention include

In past years the principal source The semi-annual meeting of the Cotton Manufacturers' Association Bernard M. Cone, first vice president, Will be held at Pinehurst, N. C., on dent, Greensboro; E. C. Dwelle, section and 2. Headquarters ond vice president, Charlotte; S. F. December 1 and 2. Headquarters ond vice president, Charlotte; S. F. William H. Frazer, president the 1922 crop will be very small and will be at the Carolina Hotel. The Patterson, third vice president of Queens college, will deliver a huise not expected to amount to over association held its mid winter meet-Roanoke Rapids; Hunter Marshall morous address during the convention melude In past years the principal source golf tournaments, dancing and mu-of wealth in the Torreon district of sic by a New York orchestra, a polo Mexico was cotton, but, due to lack game and possibly horse racing. Of water for irrigation purposes, of water for irrigation purposes, of Queens college, will deliver a huise not expected to amount to over 35,000 bales, compared with the tion. game and possibly horse racing. of water for irrigation purposes, Dr. William H. Frazer, president the 1922 crop will be very small and of Queens college, will deliver a huis not expected to amount to over morous address during the conven- 35,000 bales, compared with the tion.

FOLLOW A LEADER

Twenty-five years of shop practice on CARDS, winding LICKER-INS, and clothing FLATS.

Winding Licker-ins a specialty. My references are my customers.

Write for particulars.

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It boils thin, penetrates the warps and carries the weight into cloth. It means good running work, satisfied help and one hundred per cent production.

We are in a position now to offer prompt shipments.

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They signify the different grades in which Thin Boiling Eagle Starch is offered to the textile industry.

Being the pioneers in the manufacture of Thin Boiling Starches, we are gratified at the widespread recognition they have received.

Be sure to select the grade best suited to your work. Our knowledge and experience is at your service.

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BULLETIN NO. 4

Our Southern Repair Shop in Charlotte is under the direction of Mr. W. E. Harvell who has had twenty years experience with us in rewinding lickerins and reclothing top flats.

Before Mr. Harvell took charge of this shop he served several years as an erector of Saco-Lowell cards.

His men have been trained carefully and have also had years of experience.

Such experience does count and we want to give you the benefit of this experience by rewinding your lickerins and reclothing your flats.

We rewind all makes of lickerins and reclothe all makes of flats.

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Use Dixon Patent Stirrup Adjusting Saddles, the latest invention in Sad-dles for Top Rolls of Spinning Ma-ines. Manufacturers of all kinds of Saddles, Stirrups and Levers.

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Stocking Welting Toe Closing Mock Seaming

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THE GREATEST IMPROVEMENT MADE IN COT-TON SPINNING IN QUARTER OF A CENTURY

The Richards-Hinds Light Running Rolls Over 1,700,000 Spindles Equipped to Date

Guaranteed Claims

Cockley Yarn Preventor Extra Strength of Yarn Less Waste

Greater Production

Less Change of Roll Settings Reduced Cost of Spinning One-third Saved on Leather Covered Rolls Better Spinning with Improved Product

All machine builders are agents and will quote prices for new work. Also for prices and particulars write to

The Metallic Drawing Roll Company Indian Orchard, Mass.

Making the Small Mill Pay. Continued from Page 5.)

being a careful buyer of raw materials, and also that of knowing the cost of his goods. This important bump of new conditions will have all the more bearing upon his production sales, if he makes more than one kind of goods. Many a one-man plant has been laid low by selling the various lines made, upon the basis of an average cost of manufacturing. There never was a more delusive state of things. Under this basis he may be selling one line of goods at a loss, but making his profit on another line. The trouble with this temporary money-making method is that it will not stand up against competition very long. There will be a constantly increasing demand for the goods which he is making "more cheaply" than the other fellow, and a constantly decreasing demand for the goods sold at too high a price to bolster up the goods which are given away at the lower price. The more he sells of the one the more he will lose on the other. Therefore, the mill making more than one line of goods must know the special cost of each. This is not hard if the one-mill manager will start a simple costing system. He only needs to have as many columns as he has lines of At the top of each column he should put down the name or kind of goods he makes. Then he should follow this matter down with the cost of the material from which the goods are made and to each of which must be added the waste shrinkage cost, After this, must be added the cost of the manufacturing as applied to each, also the cost of coloring, plus the cost of the overhead according to the amount of each kind of goods made, together with interest, insurance, taxes, depreciation and power charges against each line according to the amount of machinery and the floorspace occupied by each line of goods. Regarding any cost charges over which there is any doubt or question, this should be applied to the higher-priced goods as a rule, or to the goods which stand the wide margin of profit. The idea is to give the cheaper lines the closest possible competitive prices.

This will not take much time and in so not as to interfere with the daymanufacturer can stand three-quarters of his time in hard work, he not seem to give the same high had better keep his salaried posi- quality of material as can be ob-tion and let the other owner of a taiend with peroxide bleach. had better keep his salaried posi-tion and let the other owner of a mill receive the profit which is mill receive the profit which is made over and above what is paid to him as wages. He will probably peroxides, however, entails the use earn as much money in the end and earn as much money in the end, and be working only one-third of his time, and have more peace of quired for underwear, further oper-mind. One must balance the other, ations must be carried out, necession a good man may become upset tating considerable handling and by the heavy weight of a one-sided labor. To get away from these dis-

arrangement. Unless he knows his cost details, which is which, and what is what, he will be carrying an unbalanced load. He must be acquainted with his manufacturing ins and outs. He must differ a great deal from the man who was so much away from home that he did not know his own children very well. His wife left him in charge of the children one evening and told him to put them to bed early. Upon her return she asked him how he got along. He replied that one child made considerable trouble, but he finally got all of them in bed all right. The wife went upstairs to see if the children were resting well, but she was astonished to find that her husband had made the big mistake of putting one of the neighbors children to bed with his own and didnt know the difference.

A man must know the differences which affect his business and differentiate accordingly.

Bleaching and Dyeing in One Operation.

The very extensive use of cotton knit-goods for underwear has made certain requirements with respect to dyeing and bleaching during recent years that have resulted in a number of improvements in these lines. such as would not be especially anplicable to, nor called for, in the dyeing and bleaching of other lines of cotton fabrics. Underwear fab-ries must be soft and kindly to the as they are worn next to the skin; they also must be bleached a good white or be dyed in delicate colors of a rather limited range, and be free from yarn and fiber impuri-The special requirements in the case make the dyeing and bleaching of knitted underwear cotton fabrics a field all its own.

Knitted fabrics are now not only

used for the coarser grades of un-

derwear, but also for the very best qualities that even the most fastidi-ous lady would be pleased to wear with comfort and pride. The use of peroxides in the bleaching of knit-goods for the underwear trade has been practiced for quite some time. more particularly on the higher classes of these goods. It was found that the peroxide bleach gave a soft pleasant fabric which did not affect the good qualities of yarns employed the manufacture. the work can be done some evening very fine yarns, as well as lisle yarns and mercerized yarns are used time movements, also not to be in- the knitting of these fabrics, and it terfered with by the constant de- is especially desirable to have the mands of everybody around the goods possess a soft silky feel and place for the advice of the one man retain the smoothness of fiber of who is his "own boss," his own as- the original yarn. The use of the sistant, his own fixer, his own book- older methods of bleaching with keeper, his own errand-boy and his hypochlorites and strong chemics own business manager! On the and acids solutions, such as is most whole, unless our would-be one-man generally practiced on the more usual lines of cotton fabrics, does

> of a number of baths and a considerable time, and if the material is to be dyed in the delicate colors re

introduced not very long ago into Davis, Aden, Arabia.—Commerce Re-American practice. In this process ports. American practice. In this process the bleaching and dyeing were car-ried out simultaneously with the use of a bath containing sodium peroxide and a small quantity of a dye-stuff that would be taken up by the cutton from an alkaline bath and which would not be affected by the strong oxidizing agent. As several dyestuffs which would answer these requirements were available, this has shown an upward tendency durmethod could be employed for the ing the past month owing to small production of practically all the vastocks and increased buying by rious tints called for on the knitted underwear, such as mock Egyptian, baby blue, pink, flesh, etc.

The Autogyp Process.

knit goods. It was probably not so but some spindles are idle due to well adapted for use with the the labor shortage. Orders for linen coarser grades of yarns where a goods for delivery before the middle more vigorous action was required to properly clean and whiten the culty.

Belgaries are supplying all the necessary dyes for the proper working of this pro-

The originators of the Autogyp process have also perfected a method of bleaching knit underwear by the peroxide method in such a man-ner that the goods may also be tint-ed with a fast and very desirable tone of blue to produce a very satisfactory white. Alakali Blue is used as a previous tinting and this is followed by a bleaching in the same bath with peroxide of sodium, mak-ing a process which is conducted in a very simple manner, and with but one handling of the goods. In this way considerable economy is introduced both with respect to the materials and the labor required. Color Trade Journal.

Demand for Hosiery in Birmingham England.

There continues to be a steady demand for hosiery in the Birming-ham district despite the widespread business depression. The most popular material for men's half-hose is cashmere, though plain wool is used to a large extent. Cheap cotton socks find a considerable market among the poorer classes, as do also cotton and silk mixtures. The demand for sport hosiery is fairly active, especially for white cotton and wool socks used in tennis and cricket and knee-length hose used by golfers, cyclists, football players, etc. Artificial silk hosiery is by far the most popular among women, and several local retailers report that their sales of this kind of hose exceed the combined sales of all other sorts. The more well-todo class of English women prefer American-made silk hose because T. Hurd, Birmingham, August 28) of superior fit. (Vice Consul Alan

Aden Likes American Cotton Goods

Aden cotton piece goods dealers welcome monthly arrivals of steamers direct from the United States, since it keeps up the interest in cotton goods, most

Belgian Textile Business Better.

Marked improvements in the Belgian textile trade is reported by Acting Commercial Attache Cross, in a cable to the Department of Commerce. The raw flax market has shown an upward tendency duryarn prices have shown marked The Autogyp Process.

The Autogyp Process.

The Autogyp process was adopted by quite a number of the underwear mills making the finer qualities of knit goods. It was probably not so well adapted for use with the labeled as a result of considerable from Switzerland, Spain, Holland, Italy and France. The flax yarn mills generally are working at capacity, but some spindles are idle due to the labeled and the labeled as a result of considerable from the labeled as a resu of 1923 are being placed with diffi-

Belgian cotton spinners are like-

until well into next year and be-yarn production is about 85 per cent cause of this advanced booking, re-capacity.

advantages and yet retain the good which are accepted as the best of wise well occupied and although re-cently experienced difficulty in sefeatures of the peroxide method of their kind at a time when German ceiving less current business, they curing large American towel combleaching, a process know as the competition is beginning to be seriare fully occupied for some months tracts. The volume of business in "Autogyp" method was devised and ously felt, says Consul Raymond ahead. Idle spindleage around East Indian cotton is increasing on introduced not very long ago into Davis, Aden, Arabia.—Commerce Re-Braine l'Alleud in Brabant varies account of falling prices resulting from 10 to 20 per cent on account from the favorable settlement of the of the acute labor shortage. Most Near Eastern difficulty. Yarn stocks of the cotton weaving mills have in Belgian mills at present approxiorders which will keep them busy mate 2,850 metric tons and cotton



Less Waste — Cleaner Yarns

COMPETITION IS NOW STRONG, and we cannot impress upon you too keenly to adopt our ADJUSTABLE PIN GRIDS, which will enable you to manufacture stronger and cleaner yarns, with smallest percentage of waste. Send for large list that have already adopted

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Instead of the usual factory surroundings of grime and cinders visitors find attractive shrubs and a broad expanse of lawn. These simple decorations give a favorable impression from the very start; they provide an atmosphere of neatness and beauty. The employees' entrance is just as pleasing and attractive.

How Does Your Mill Compare?

If you believe that some shrubs and shade trees would be helpful, write to us for further information. We'll gladly supply it, and of course you are placed under no obligation.

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COTTON SHIPPERS AND EXPORTERS

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Cotton Notes

Cotton Exports Show Decrease.

Washington.—Cotton exports September totalled 368,897 bales valued at \$42,799,743. This compared with 521,831 bales valued at \$43,252,534 during the same month the year before.

For the nine months ended with September exports amounfed to 3,-948,366 bales valued at \$390,375,748 as against 4.311,075 bales of a value of 317,184,580 in the corresponding 257. period of 1921.

Cotton Ginning Report.

Washington.—Cotton ginned prior to October 18 amounted to 6,962,034 running bales, counting 128,487 round bales as half bales and including 8.394 bales of American-to September 25 were announced as Egyptian and 2,154 bales of sea is-3,863,706 bales. The number of ginland, the Census Bureau announced neries operated to that date was in its third ginning report of the 908. season.

Ginnings prior to October 11 last year amounted to 5,497,364 running bales, counting 98,460 round bales as half bales and including 7,520 ning bales, counting 140,099 round and 334 bales of sea island.

Ginnings prior to October 18 this year and last year by states were: Alabama, 608,732 and 427,023.

Alabama, 608,732 and 427,023, Arizona, 10,238 and 8,679. Arkansas, 649,650 and 467,958. California, 4,722 and 3,922. Florida, 18,553 and 8,187. Georgia, 568,917 and 636,830. Louisiana, 275,995 and 194,933. Mississippi, 686,625 and 510,675. Missouri, 62,921 and 40,462. North Carolina, 448,019 and 443. North Carolina, 448,019 and 443,-

Oklahoma, 438,922 and 352,493. South Carolina, 336,270 and 493,-

Tennessee, 203.558 and 159,997. Texas. 2,637,395 and 1.738,558. Virginia, 7,892 and 7,520, All other states, 3,625 and 3,614.

Czecho-Slovakian September Exports to U.S.

The principal textile exports from bales of American-Egyptian and 1,- Czecho-Slokakia to the United States 389 bales of sea island. To that date during September were: Linen 1920 ginnings were 5,754,582 run-goods, 199,000 square yards; artificial flowers, 11,000 pounds; and cotbales, as half bales, and including ton goods, 72,000 square yards. 14,312 bales of American-Egyptian (Cable from Consul Charles S. Winnans, Prague, October 3.)



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BARNWELL & COMPANY

Staple Cotton MISSISSIPPI and ARKANSAS

Have Been Making Satisfactory Shipments Since 1886 MEMPHIS, TENN.

The Week's Cotton Trade.

The week's Cotton Trade.

68.9 per cent for last season.

Exports of American cotton for the week ending October 27, amount-ket on Wednesday of the W future contracts registered a closing price of 24.20 and the average price of middling in 10 of the principal southern markets stood at 23.66 per pound. It was reported that the continuation of the advance which started about October 1, was due to continued bullish advices from the South in the way of information indicating indifference on the part of holders of spot cotton to sell at present levels and to fixing of prices by manufacturers who had bought earlier in the season on the call-plan.

The average quoted prices for Middling in 10 southern spot mar-kets was 23.37 per lb. on October 27, as compared with 22.71 on October 20, and 21.60 per pound on October 13. December future contracts at New York advanced 38 points during the week. Sales of spot cotton in the South showed some falling off as compared with recent weeks, the total being 179,731 bales, as compared with 232,912 bales the previous week.

The Department of Commerce on nounces that according to preliminary figures compiled by the Bureau of the Census, there were 6,962,034 bales of cotton ginned prior to October 18. This figure compares with 5.477,379 bales for the same period Based on the estimated last year. production figures of 10,135,000 bales recently announced by the Bureau of Agricultural Economics as the yield for 1922-23, this would mean that approximately 68.7 per cent of thec rop was ginned prior to Oc-

toher 18. This figure compares with

133,365 bales for the corresponding week last year.

Certificated stock at New York on October 27 was 41,051 bales, and at New Orleans. 67,110 bales. Total stocks all kinds at New York, 61,584 bales, and at New Orleans, 244,624

New York future contracts closed New York Inture contracts crosed October 27: December 23.78, January 23.49, March 23.59, May 23.46, July 23.25. New Orleans closed: December 23.14, January 23.16, March 23.17, May 23.03, July 22.93. New Orleans spot cotton 23.50 per

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Veneer Packing Cases are lighter and stronger

Here are perfect 3-ply Veneer Packing Case Shooks. Their ex-treme lightness saves 20 to 80 lbs. in freight on every case shipped. They are stronger than inch boards, burglar proof, waterproof and clean
—no cracks for dirt to sift through.

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MONTGOMERY & SUMNER Yazoo City, Miss.

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Extra Staples a Specialty
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Cotton Goods

week, but prices continued very firm. Both gray and bleached goods were very active. Some of the leading bleachers are reported to now have enough business on hand to said to have made 50 p take their output for the next two normal commitments, months. A number of the best Duck mills advance months. A number of the best Duck mills advanced prices dur-known lines have been withdrawn ing the week from 1 1-2c to 2c a from the market. On gray goods, the market has climbed steadily of late and prices moved up sharply enough to cause a number of houses to withdraw their lines.

new strength during the past ten Prices tended upward during the past week and mills were not willing to accept at the close the prices they weer willing to take as the week opened. Organdies were firmer and higher, especially

on contract.

Drills moved higher, sales of 37inch 3-vards being reported at 13 3-4c, 350s at 13c and 3.95s at 12c. Sales of 30-inch 3.25s were made at

Print cloths were firm, with trading limited because of the unwillingness of mills to sell for this Many mills have sold so well ahead that they do not care to take on further business in any large Offers of 8 3-4c for 60x48s were made and di not bring out goods freely, the recent sales having put mills in a very comfortable position In this market 64x60s were quoted at 9 3-4c, with sales reported for the day at 10c in the East. Sales 38-inch 56x44s were made at 8 3-4c.

Sheetings are firm, with trading being done in small lots. Many Southern mills are now out of the market on sheetings for the present as they cannot squeeze in the exact deliveries wanted. Sales of 5.50s in small lots were reported as 8 1-2c, with some lots still to be had 1-8c Three-yard goods have been sold well enough to make mills indifferent about business under 13c It is stated that in the past sixty days about 4,000 bales have been sold for shipment to the Levant.

few tire fabric mills report the past two weeks have where the tire mill is an important 6.)

New York.—The cotton goods industrial institution banks are said markets were active and firm dur- to have gone to the mills' rescue ing the week, the buying movement There is now less likelihood of them being steady and broad and total being forced out of business. There sales reaching large totals. The de- are some exceptions, fabric factors mand covered a wide range of goods say. Carded peeler was advanced by and prices showed an upward tend- one group of mills 2 1-2c. Egyptians, ency. The sales volume dropped combed, are now 3c higher. Combed somewhat toward the end of the peeler sales have been made at peeler sales have been made at 62 1-2c. Sales were of high break quality. Shorter staple can be had for less. Contracts on he books now run through June. Tire mills are said to have made 50 per cento ftheir

yard. Discounts have been shortened 2 1-2 per cent. Poundage prices are slightly advanced. In a few instances contracts have been forced on mills for delivery as far ahead Combed yarn goods gave gained as June. There is said to be avail-ew strength during the past ten able supplies of wide ducks. Large army duck and twill sales have forced consumption into single fillings. which are now active and scarce in the spot market.

The Fall River print cloth market was active during the week, a steady business being reported, with prices very firm. The demand in-cluded practically all styles. On 36-inch low count goods, the de-mand was especially strong, with deliveries reaching into the next three and four months. Prices ruled above an eighth cent above the general level of the previous week. Fine goods mills reported a good business. The total sales in the Fall market was approximately 200,000 pieces.

Cotton goods priced were quoted

as follows:

Print cloths. 28-in., 64x64s.... Gray goods, 38 1-2 in., 64x64s... 10% Gray goods, 39-in., 68x72s.... 11 Gray goods, 39-in., 80x80s.... 13% Brown sheetings, 3-yard...... 13½
Brown sheetings, 4-yard....... 11¾
Brown sheetings, So. Stnd...... 14½

 Ticking, 8-ounce.
 26

 Denims, 2.20
 20a20½

 Staple ginghams
 14¼

Netherlands Exporting More Cotton Manufactures.

The Netherlands is exporting more cotton manufactures to the United States. During July 31,639 pounds A few tire fabric mills report of yarn, valued at \$22,101, compared that the past two weeks have with 1,599 pounds, valued at \$1,738. brought them more orders than the in June, were exported to the United previous two months did. Price ad-States; while cotton goods valued vances did not check buying. Small at \$79,870 were shipped to that tire manufacturers have been encountry in July, compared with none abled to negotiate credits better than in June.) Consul General George heretofore. In small communities E. Anderson, Rottendam, September where the lire mill is an important 6.)

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DOMESTIC AND EXPORT

Head Office, Greensboro, N. C.

AGENCIES: Atlanta, Ga.; Elberton, Ga.; Savannah, Ga.; Toccoa, Ga.; Charlotte, N. C.; Wilson, N. C.; Nerfolk, Va.; Dallas, Texas; Milan, Italy.

The Yarn Market

Philadelphia, Pa.—The yarn markets continued strong and firm during the week. Buying was larger and prices showed an advance of around 2 cents for the whole list. Dealers report that their sales are being made to practically all yarn consuming trades, although the weavers continue to be the largest buyers. Southern mills have again advanced prices and cotton stocks are reported as being very stiffly bold.

Spinners are in a much stronger position that they were a few weeks back and consequently are more independent. The fact that the steadily rising prices did not check sales is taken as a very favorable indica-tion that buyers are regarding the new levels as more permanent than they were first expected to be Some dealers reported that their sales for the week were larger than they had been in any single week for the past two years. The continued activity in weav-

ing yarns has very materially reduced stocks held at the mills and in this market, and prices are showing more regularity than in the case of knitting yarns. The demand for weaving yarns came from practically all branches of the trade, and in spite of the fact that dress goods and towel mills reported difficulty in selling goods based on today's yarn prices, they continued to buy

large quantities of yarn.
Combed yarns, which for the past
several weeks have lagged behind other constructions, showed more activity during the week and are being held at higher prices. There has been an improved demand from mercerizers, knitters and weavers who used combed yarns.

Considerable improvement has also been noted in the carded yard knitting yarn division of the mar-ket, sales being larger at advancing quotations. Underwear mills continues to take more yarns than the hosiery manufacturers, although the demand from the latter is gradually becoming stronger.

Prices were quoted as	Tollow	3:
Southern Two-Ply Chain		Etc.
12s to 14s		@42
2-ply 16s		@43
2-ply 20s	43	@44
2-ply 24s	47	6
2-ply 26s	48	@49
2-ply 30s	52	@53
2-ply 408	63	@65
2-ply 50s		@
Southern Two-Ply	Skeins.	
5s to 10s	38	@
10s to 12s	39	@
148	41	@
168		@
208	43	@44
248	47	@
308		Q
368	59	@==
40s extra	60	@63
	07	9
50s 60s	18	8
	00	W
Carpet Yarns— 2, 3 and		
4-ply	38	@
		0
5-ply Tinged Insulating	Varns.	4
6s, 1-ply	35	@
8s, 2, 3 and 4-ply	36	6
10s, 1-ply and 2-ply	34	0
12s, 2-ply		
20s, 2-jly		
26s, 2-ply		@
30s, 2-ply Southern Single Chai	45	0
Southern Single Chal	n Warp	
6s to 10s	38	0
	-	

128	39	@
148	39	
168	40	@
		@
208	41	@
228	42	0
248	46	@
26s	47	0
308	50	@52
408	60	@62
	Southern Single Skeins.	
68	to 8s36	@37
108	371	460
128	98	6
148	901	@ %@
	**************************************	72 4
16s	40	@
208	39	@41
228	41	@42
248	43	@44
268	45	@
308		@48
	Southern Frame Cones.	
88	26	@
108	97	6
128	97.	0 %0 %0
148		72
	37	72 0
16s	38	@
188	39	½@
20s 22s		0
228	41	@41%
248	41	@
268	44	@
30s	45	@
30s		@
308		@
	outhern Combed Peeler Skeins,	Etc.
2-p	ly 30s60	@
Z-1	ly 36s70	@
2-10		
-	11 408	1/2 W
2-1	oly 50s	%0 %0
2-1	oly 50s	@1 00
2-II 2-II 2-II	lly 408	@1 00
2-II 2-II 2-II	lly 408	@1 00
2-1	1	@1 00 10@1 15
2-1 2-1 2-1 2-1	10	@1 00 10@1 15 25@1 30
2-I 2-I 2-I 2-I 10s	19 50s	@1 00 10@1 15 25@1 30
2-F 2-F 2-F 10s 12s	108	@1 00 10@1 15 25@1 30
2-I 2-I 2-I 2-I 10s 12s 14s	108 128 129 139 130	@1 00 10@1 15 25@1 30 12@ 12@
2-F 2-F 2-F 10s 12s 14s 16s	108	@1 00 10@1 15 25@1 30 12@ 12@
2-F 2-F 2-F 2-F 10s 12s 14s 16s 18s	108	@1 00 10@1 15 25@1 30 12@ 12@
2-F 2-F 2-F 2-F 10s 12s 14s 16s 18s 20s	108 72 108 72 109 505 85 109 608 95 109 808 1 Combed Peeler Cones. 49 50 50 51 52 53	@1 00 10@1 15 25@1 30 12@ 12@ 12@
2-F 2-F 2-F 2-F 10s 12s 14s 16s 18s 20s 22s	108	@1 00 10@1 15 25@1 30 1/2 @ 1/2 @ 0 0
2-F 2-F 2-F 2-F 10s 12s 14s 16s 18s 20s 22s 26s	108 12 108 12 109 108 85 109 109 109 109 109 109 109 109 109 109 109 109 1	@1 00 10@1 15 25@1 30 ½@ 42@
2-F 2-F 2-F 2-F 10s 12s 14s 16s 18s 20s 22s	108 12 108 12 109 108 85 109 109 109 109 109 109 109 109 109 109 109 109 1	@1 00 10@1 15 25@1 30 ½@ 42@
2-F 2-F 2-F 10s 12s 14s 16s 18s 20s 22s 26s 28s 30s	108 12 108 12 109 508 85 109 608 95 109 808 1 Combed Peeler Cones. 49 50 51 52 53 55 56 58 58 58 62	@1 00 10@1 15 25@1 30 12@ 12@ 0 0 0 0
2-F 2-F 2-F 2-F 10s 12s 14s 16s 20s 22s 26s 28s 30s 32s	108 128 108 128 109 108 95 109 109	@1 00 10@1 15 25@1 30 12.00
2-F 2-F 2-F 2-F 10s 12s 14s 16s 20s 22s 26s 28s 30s 32s	108 128 108 128 109 108 95 109 109	@1 00 10@1 15 25@1 30 12.00
2-F 2-F 2-F 2-F 10s 12s 14s 16s 18s 20s 22s 26s 28s 30s 32s 34s	108 128 128 139 130 140	01 00 1001 15 2501 30 120
2-F 2-F 2-F 10s 12s 14s 16s 20s 22s 26s 28s 30s 32s 34s 36s	108 128 129 139 130	@1 00 10 01 15 25 @1 30 14 @ @ @ @ @ @ @ @
2-F 2-F 2-F 10s 12s 14s 16s 18s 20s 22s 26s 30s 32s 34s 40s	108 128 108 128 109 108 95 109 109	@1 00 10 @1 15 15 25 @1 30 10 @1 15 25 @1 30 10 @1 15 25 @1 30 10 @1 15 25
2-F 2-F 2-F 10s 12s 14s 16s 20s 22s 30s 32s 34s 36s 40s 50s	108	@1 00 10@1 15 25@1 30 14@ 20 20 20 20 20 20 20 2
2-F 2-F 2-F 2-F 10ss 14ss 16ss 18ss 20ss 22ss 30ss 32ss 30ss 30ss 30ss 30	108	@1 00 10 @1 15 25 @1 30 ½ @
2-F 2-F 2-F 2-F 10ss 14ss 16ss 18ss 20ss 22ss 30ss 32ss 30ss 30ss 30ss 30	108 128 109 108 109 108 109 109	@1 00 10 @1 15 25 @1 30 ½ @
2-F 2-F 2-F 2-F 10s 12s 14s 16s 12s 20s 22s 26s 22s 30s 32s 34s 40s 50s 60s	108	@1 00 10@1 15 25 @1 30 1/2 @ 1/2 @ 2 @
2-F 2-F 2-F 2-F 10s 12s 14s 16s 12s 20s 22s 26s 28s 30s 32s 34s 36s 40s 60s	108 128 109 508 95 109 608 95 109 708 1 109 808 1 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109	@1 00 10@1 15 225@1 30 14.@ @ @ @ @ @ @ @
2-F 2-F 2-F 10s 12s 14s 16s 16s 22s 26s 22s 30s 32s 40s 50s 60s	108	@1 00 10@1 15 25 @1 30 1/2 @
2-F 2-F 2-F 10s 12s 14s 14s 14s 14s 22s 22s 22s 22s 30s 30s 40s 50s 60s 60s 60s 60s 60s 60s 60s 60s 60s 6	108 128 128 139 130	@1 00 10@1 15 25 @1 30 1/2 @
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2-F 2-F 2-F 2-F 2-F 10s 12s 12s 12s 20s 22s 32s 30s 40s 50s 60s 40s 45s 50s 45s 45s 50s 45s 45s 45s 45s 45s 45s 45s 45s 45s 45	108 128 109 108 109 108 109 108 109 108 109 108 109 108 109 108 109 108 109 109	@1 00 10@1 15 25 @1 30 14 @ 20
2-F 2-F 2-F 2-F 10s 12s 14s 16s 18s 20s 22s 30s 30s 30s 30s 40s 50s 60s 11 22s 14s 16s 16s 16s 16s 16s 16s 16s 16s 16s 16	108 128	@1 00 10 11 11 12 12 12 12 12 12 12 12 12 12 12
2-F 2-F 2-F 2-F 10s 12s 14s 20s 22s 26s 28s 32s 40s 50s 60s 22s 26s 28s 34s 40s 50s 60s 32s 40s 50s 60s 60s 60s 60s 60s 60s 60s 60s 60s 6	108 108 108 109	# 1 00 10 10 11 13 13 13 13 13 13 13 13 13 13 13 13
2-F 2-F 2-F 2-F 10s 12s 14s 20s 22s 28s 30s 32s 32s 32s 34s 40s 40s 40s 40s 40s 40s 40s 40s 40s 4	108 128	@1 00 1001 1525
2-F 2-F 2-F 2-F 10s 12s 14s 16s 18s 20s 22s 26s 22s 40s 50s 60s 40s 40s 40s 40s 40s 40s 40s 40s 40s 4	108 128 128 139 130	@1 00 10 11 11 12 12 12 12 12 12 12 12 12 12 12
2-F 2-F 2-F 2-F 10s 12s 14s 14s 16s 18s 20s 22s 26s 30s 32s 30s 32s 40s 40s 40s 40s 40s 40s 40s 40s 40s 40	108	01 00 100 1 15 25 0 1 30 1 100 1 15 25 0 1 30 1 100 1 15 25 0 1 30 1 100
2-F 2-F 2-F 2-F 10s 12s 14ss 16s 18s 20s 22s 24s 30s 32s 34s 40s 22s 22s 24s 40s 40s 40s 50s 60s 60s 60s 60s 60s 60s 60s 60s 60s 6	108 128 128 139 1408 128 139 1308 1309	@1 00 10 11 11 12 12 12 12 12 12 12 12 12 12 12
2-F 2-F 2-F 2-F 10s 12s 14s 14s 20s 22s 26s 30s 32s 30s 32s 40s 45s 50s 60s 11s 12s 14s 45s 50s 40s 40s 40s 40s 40s 40s 40s 40s 40s 4	108 128 128 139 130	01 00 100 1 15 25 0 1 30 1 100 1 15 25 0 1 30 1 100 1 15 25 0 1 10
2-F 2-F 2-F 2-F 10s 12s 14s 18s 20s 22s 22s 32s 30s 32s 32s 40s 40s 45s 40s 45s 40s 45s 40s 40s 40s 40s 40s 40s 40s 40s 40s 40	108 128 128 139 130	01 00 100 1 15 25 0 1 30 1 100 1 15 25 0 1 30 1 100 1 15 25 0 1 10

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During the three months' membership we send the applicant notices of all vacancies in the position which he desires. We do not guarantee to place every man who joins our employment bureau, but we do give them the best service of any employment bureau connected with the Southern Textile Industry.

WANT position as general manager, superintendent or assistant superintendent. High class man of long experience and thoroughly understand all phases of cotton manufacturing. Excellent references. Address No. 3606.

WANT position as superintendent, over-seer of carding or spinning. Excellent references to show ability and character. Address No. 3607.

WANT position as overseer carding and spinning. Many years' experience and am thoroughly competent to handle either process. References. Address No. 3608.

WANT position as master mechanic. Un-derstand both steam and electric plant, and can handle large or small mill. Ad-dress No. 3609.

WANT position as superintendent or card-er and spinner. Now employed, but wish larger place. Good references. Ad-dress No. 3610.

WANT position as overseer of weaving.

Age 38, good habits cody worker
Good references, experience and
qualifications. Address No. 3611.

WANT position as overseer weaving. Good weaver of long experience. Can handle wide variety of fabrics. Address No. 3612.

WANT position as overseer large cloth room. Thirteen years' experience on all kinds of white goods. Age 32, married 13 years as overseer. Best of references Address No. 3613.

WANT position as overseer carding. Have had 24 years' experience, textile educa-tion, 3 years on tire duck. Best of ref-erences. Address No. 3614.

WANT position as overseer carding or spinning. Excellent worker, long expe-rience, good references. Address No. 3615.

ANT position as overseer carding or spinning, or superintendent of good yarn mill. Good references to show past rec-ord and experience. Address No. 3616. WANT

WANT position as overseer spinning North Carolina preferred. Am thorough ly experienced in spinning and have handled rooms in some of the best mills in North Carolina. Fine references. Ad-dress No. 3617.

WANT position as overseer of weaving. Competent, experienced man who can get real results. Cood references. Ad-dress No. 3618.

WANT position as master mechanic Long experience in both steam and electric plants. Now employed. Good refer-ences. Address No. 3619.

WANT position as superintendent of medium sized mill on white work, or carder and spinner in larger mill. Excellent references to show character and ability. Address No. 1820.

WANT position as assistant to superintendent, agent or president. Long experience as mill man, stenographer, general office man. Textile college and I.C. S. courses. References. Address No. 3621.

WANT position as superintendent or spinner: 18 years an overseer and superintendent. Present job for two years. Have run some of the best jobs in the South. Wish change of locality. Piedmont section preferred. Address No. 3622.

WANT position as superintendent or overseer of weaving, white or colored, plain or fancy work. Have handled some of the best jobs in the Carolinas and can get results. Best of references. Address No. 3623.

WANT position as master mechanic. Com-petent man of long experience in mill and machine work. Address No. 3624.

WANT position as superintendent or trav-

have good masons for wishing to change. Fint references. Address No. 382,

ANT position as overseer weaving in medium size mill or second hand in large mill making sheetings, prints, pajama checks. Experienced on both plain and Draper looms. Can come on short notice. References show I can deliver the goods. Address No. 3528. WANT

WANT position as assistant superintendent of large weaving mill, or superintendent of yarn mill; would consider place as overseer spinning. Age 38, with long experience on all kinds of cotton goods and yarns. Good references. Address No. 3627.

WANT position as overseer carding weaving or spinning. Am textile graduate of I. C. S. and have had two year in one of the best mills in the South Young, ambitious and a hustler. Address No. 3628.

WANT position as superintendent of yarn mill, or overseer carding. Prac-tical man of long experience and train-ing and can get excellent results. Ad-dress No. 3629.

VANT position as overseer carding, or spinning, or both. Now employed, out wish larger place. References to show character and ability and past record. Address No. 3630.

ANT position as superintendent or over seer weaving. Have had long experi-ence on both positions and have an ex-cellent record in some of the best mill-in the South. Can come on short notice Good references. Address No. 3631.

WANT position as overseer weaving. Ex-perienced on both plain and fancy goods, can get quantity production of excel-lent quality. Satisfactory references to show ability, training and character Address No. 3632.

WANT position as superintendent. Am thoroughly trained man, of good execu-tive ability and am capable of getting good results. Wish to correspond with mill needing high class man. Address No. 3633.

WANT position as overseer carding. Good carder, good manager of help and have had necessary experience to enable me to handle large room on efficient basis. Excellent references. Address No. 3634.

WANT position as overseer spinning. Thoroughly faimliar with all classes of goods and can furnish best of references. Address No. 3635.

ANT position as overseer weaving, or would take second hand's place in large room. Familiar with all details of weav-ing room, experienced on wide variety of fabrics. Best of reference. Address No. 3636.

WANT position as overseer carding, or second hand in large room. Can give excellent references as to character and ability. Address No. 3638.

WANT position as overseer carding, of spinning, or both. Married man, settled three workers in family. Now employed but am capable of handling a larger job Good references. Address No. 3639.

ANT position as overseer weaving. Familiar with wide variety of fabrics, good manager of help, excellent past record Address No. 3640.

WANT position as superintendent, assistant superintendent, or designer. Over 25 years' experience in this line, can make practically any class goods made on a loom. Would be glad to correspond with mill needing expert superintendent. Excellent references. Address No. 3641.

WANT position as superintendent yarn mill or overseer carding in large mill. Good carder, exiellent manager of help, long practical experience and good record as successful superintendent and overseer. Address No. 3642.

WANT position as superintendent, or carder. Now employed as overseer and giving satisfaction, but want larger mill. Long years of experience as both overseer and superintendent. Excellent references. Address No. 3643.

WANT position as superintendent. High class mill man who wants connection with mill that appreciates quality and quanity production and all around ability to keep plant running smoothly. Best of references. Address No. 3644.

WANT position as overseer carding. Energetic, well trained mill man who thoroughly understands all phases of efficient carding. Address No. 3645.

WANT position as overseer carding. Set-tled man of good habits, well trained and of long practical experience. First class references. Address No. 3646.

WANT position as superintendent, would consider well paying place

carder or spinner. Experienced super-intendent who has handled some of the best jobs in the South. A-1 references. Address No. 3647.

WANT position as superintendent in mill requiring services of thoroughly competent man, on yarn or cloth. Married, temperate, hard worker and economical, can secure results. Over 10 years as superintendent of best mills. Best of references. Address No. 3648.

WANT position as superintendent, overseer large weave room. Long perience in both positions. Effic practical and can get fine results. of references. Address No. 3649. Best

WANT position as carder, spinner or both, or superintendent of 30,000 spin-dles. Now running 56,000-spindle spin-ning room. On present job for three years, and am giving satisfaction, but have excellent reason for wanting to change. References. Address No. 3651.

WANT position as carder, or would take second hand in large room. Good man who thoroughly understands card room in every particular. Address No. 3652.

WANT position as superintendent of me-dium sized mill, weave plant preferred, or assistant superintendent in large mill Competent to handle either place. Good references. Address No. 3653.

WANT position as carder and spinner, or both. Long practical experience, good manager of help, excellent references. Address No. 3554.

WANT position as superintendent, carder or spinning. Now employed in first class mill, but want larger job. Excellent references. Address No. 3655.

WANT position as overseer spinning on medium numbers hosiery yarns. Can give first class references from present and past employers. Address No. 3656.

WANT position as master mechanic or electrician. Long experience in large mill shops, can handle either steam or electric plant. Good references. Ad-dress No. 3657.

WANT position as superintendent of me-dium size mill, or as assistant superin-tendent or weaver in large mill, either plain or fancy work. Good references as to character and ability. Address No 3658.

ANT position as superintendent or overseer weaving. Experienced on plain and fancy goods, know how to get qual-ity production at low cost. Good refer-ences. Address No. 3659.

WANT position as assistant superintendent or overseer weaving. Now employed as weaver in room having 784 looms, with dobby heads on 448 of them. Age 35, long experience as loom fixer, second hand and assistant superintendent. Familiar with plain and drill goods, pajama checks, shirting, skirting, sateen, gabardine, marquisetts and other goods woven on plain and dobby looms. I. C. S. graduate. Best of references. Address No. 3660.

WANT position as superintendent or over seer spinning. Good man of long expe-rience who can successfully handle your mill or spinning room. Address No. 3661.

WANT position as superintendent. Long experience as such in number of large mills in South and can give good references showing ability and character. Address No. 3662.

WANT position as carder or spinner or white work only. Long experience and can get results. Address No. 3663.

WANT position as superintendent, carder or spinner. Have had long experience as both superintendent and overseer and can show excellent record and qualifi-cations. Fine references. Address No. 3664.

WANT position as overseer weaving. Ex-perienced on wide variety of fabrics and am first class weaver in every respect. Good references. Address No. 3665.

WANT position as carder or spinner, or both. Now giving satisfaction in good mill, but want larger job. Address No. 3666.

WANTED—Clerical position by married man, four years' mill work. Competent for paymaster or buyer of supplies. Thoroughly familiar with general office work. Address 3667.

WANT position as overseer weaving. Novembloyed, but wish larger place. Familiar with wide variety of fabrics and can give references to show characte and past record. Address No. 3668.

WANT position as superintendent. Have successfully handled during past six years one of the best mills in the South. Have excellent reasons for making a change. Wish to correspond with mill needing high class man, who is thoroughly competent to take entire charge of mill. Address No. 3669.

WANT position as card room overseer or master mechanic, or both in small mill. Can furnish excellent references as to character and ability. Address No. 3670.

WANT position as superintendent. Long experience as superintendent and am capable, practical man who has always gotten results. Good references to show excellent past record. Address No. 3671.

WANT position as roller coverer. Long experience in this work enables me to take charge of your shop and do your work efficiencly. Fine references. Address No. 3672.

WANT position as overseer weaving. Now have night job, but wish day run. Twenty-six years experience as weaver, 11 years as overseer. Can handle help well. Prefer job with Draper looms. Good references: Address No. 3873.

WANT position as superintendent or would take carding and spinning. Tex-tile college graduate, long practical ex-perience in good mills. Excellent refer-ences. Address No. 3674.

WANT position, any size mill, as overseer carding and spinning. Colored or white work. Several years' experience as overhauler of carding, spinning and weaving. A-1 references. Address No. 3675.

WANT position as superintendent or general manager. Many years' experience in both positions. Am thoroughly qualified to handle mill on efficient basis. Best of references. Address No. 3676.

WANT position as superintendent of small yarn mill or weaving plant, or overseer weaving. Married, age 39. Good refer-ences. Address No. 3677.

WANT position as overseer cloth room. Have had 15 years' experience as over-seer in South Carolina and can furnish best of references. Can come on short notice. Address No. 3678.

WANT position as superintendent or overseer spinning. Long experience on both jobs and can show excellent record. Can come on short notice. Address No. 3679.

WANT position as superintendent of yarn mill, or would take overseer carding. Have been overseer for long term of years and thoroughly understand my business. Good references. Address

WANT position as overseer weaving. Experienced on fancy colored goods, sheetings, drills, can handle either Draper or Crompton and Knowles looms. Age 47, have family. Best of references. Have been in weave room 39 years, 18 years as overseer. Address No. 3781.

WANT position as overseer carding. Hard working, competent man, who has had necessary experience to handle card room on efficient basis. References. Address No. 3782.

Plain or fancy work, familiar with all Southern made goods. Fine references as to character and ability. Address No. 3683.

WANT position as overseer weaving, plain goods preferred. Capable, experienced man with excellent record. Good references. Address No. 3684.

WANT position as superintendent, weaver or spinner. Long practical experience in number of good mils. Now employed, but can change on short notice. Best or references. Address No. 3685.

WANT position as carder, spinner, or both, can give satisfactory references showing Dependable man of settled habits who ability to handle job. Address No. 3686.

WANT position as carder or spinner, or both. Age 48, married, 20 years' experi-ence as carder and spinner on both white and colored work. Now employed as carder. Good manager of help and have fine references. Address No. 3687.

WANT position as superintendent Practical mill man of long experience and can show results on job. Good hab-its and hard worker. Best of references Address No. 3688.

WANT position as overseer carding, or second hand in large room. I. C. S. graduate, good character and man of settled habits. Steady and experienced worker. Address No. 3689.

WANT position as superintendent or carder and spinner. Am thorough and practical man and can handle anything in the mill. Have handled some of best mills in South. Now employed, but want better equipped plant. Address No. 3690.

WANT position as overseer spinning with medium sized mill making hosiery yarn. Can furnish best of references. Address Vo. 3791

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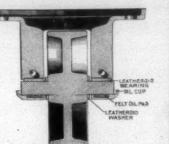


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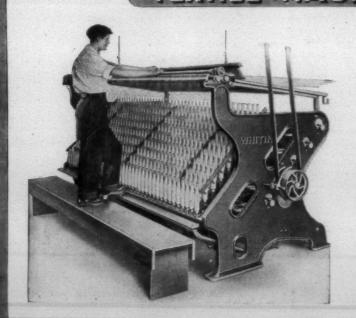
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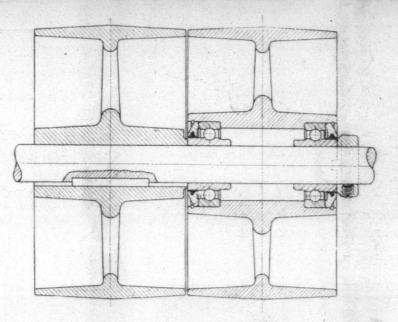
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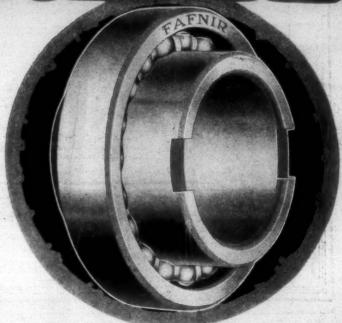
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